

BEQ(CBRT)

PROVISIONAL ANSWER KEY

Name of the post	Industrial Promotion Officer, Class-2, General State Service
Advertisement No.	08/2023-24
Preliminary Test held	06-08-2023
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THE LINK FOR ONLINE OBJECTION SYSTEM WILL START FROM 07-08-2023; 04:00 PM ONWARDS

Instructions / સૂચન

Candidate must ensure compliance to the instructions mentioned below, else objections shall not be considered: -

- (1) All the suggestion should be submitted through **ONLINE OBJECTION SUBMISSION SYSTEM** only. Physical or submission through E- Mail of suggestions will not be considered.
- (2) Question wise suggestion to be submitted in the prescribed format (proforma) published on the website / online objection submission system.
- (3) All suggestions are to be submitted with reference to the Master Question Paper with provisional answer key (Master Question Paper), published herewith on the website / online objection submission system. Objections should be sent referring to the Question, Question No. & options of the Master Question Paper.
- (4) Suggestions regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (5) Objections and answers suggested by the candidate should be in compliance with the responses given by him in his answer sheet. Objections shall not be considered, in case, if responses given in the answer sheet / response sheet and submitted suggestions are differed.
- (6) Objection for each question should be made on separate sheet. Objection for more than one question in single sheet shall not be considered.

ઉમેદવારે નીચેની સૂચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂચન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે વાંધા-સૂચનો ફક્ત ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ દ્વારા જ સબમીટ કરવાના રહેશે. રૂબરૂ અથવા ટપાલ અથવા ઇ-મેઇલ દ્વારા આયોગની કચેરીએ મોકલવા આવેલ વાંધા-સૂચનો ધ્યાને લેવામા આવશે નહીં જેની ખાસ નોંધ લેવી.
- (2) ઉમેદવારે વાંધા-સૂચનો રજૂ કરવા વેબસાઇટ / ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ પર પ્રસિધ્ધ થયેલ નિયત નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતા તમામ વાંધા-સૂચનો વેબસાઇટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન ક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્રમાં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચનો ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવહીમાં આપેલ હોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવહીનો જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા-સૂચનો ધ્યાનમા લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચનો પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.

Website link for online objection submission system : <http://gpsc.safevaults.in/login/>

001. નીચેના પૈકી નદી સીંધુ નદીની ઉપનદી (Tributory) નથી ?
 (A) બીયાસ (Beas) (B) ઝનસ્કાર (Zanskar)
 (C) કેમાંગ (Kemeng) (D) શ્યોક (Shyok)
002. નીચે આપેલ વાક્યો ચકાસો.
 1. ક્લાયમેટ ચેન્જના કારણે ચોમાસા પહેલા અને પછી, અરબ સાગરમાં ચક્રવાતની સંખ્યાઓ ઘણીજ વધી ગયેલ છે.
 2. બંગાળની ખાડી અને અરબી સમુદ્રમાં દુનિયાના કુલ ચક્રવાતના, 50% ચક્રવાતો થાય છે.
 (A) માત્ર 1 વાક્ય યોગ્ય છે. (B) માત્ર 2 વાક્ય યોગ્ય છે.
 (C) 1 અને 2 બંને વાક્યો યોગ્ય છે. (D) 1 અને 2 બંને વાક્યો યોગ્ય નથી.
003. 10-Ten degree ચેનલ કયા બે વિસ્તારો વચ્ચે આવેલ છે ?
 (A) સાઉથ અંદામાન અને લીટલ અંદામાન (B) નોર્થ અંદામાન અને મીડલ અંદામાન
 (C) અંદામાન અને નિકોબાર ટાપુઓ (D) કાર નિકોબાર અને ગ્રેટર નિકોબાર
004. સતલજ નદી કયા પહાડના ઘાટમાંથી ભારતમાં પ્રવેશે છે ?
 (A) નીતી પાસ (Niti Pass) (B) માના પાસ (Mana Pass)
 (C) શીપકી લા પાસ (Shipki La Pass) (D) નથુ લા પાસ (Nathu La Pass)
005. નીચેના પૈકી કઈ નદી ડેલ્ટા 'Delta' બનાવતી નથી ?
 1. તાપી 2. મહાનદી 3. નર્મદા 4. ગોદાવરી
 (A) 1 અને 2 (B) 1 અને 3
 (C) 1 અને 4 (D) 1, 2, 3 અને 4
006. ગંગા નદીના પ્રવાહને બાંગ્લાદેશમાં નામે ઓળખાય છે.
 (A) ભાગીરથી (B) હુગલી
 (C) પદ્મા (Padma) (D) બ્રહ્મપુત્ર
007. મણીપુર રાજ્યમાં આવેલ મીઠા પાણીના સરોવરનું નામ શું છે ?
 (A) વુલર (Wular Lake) (B) ચિલીકા (Chilika Lake)
 (C) લોકતક (Loktak Lake) (D) બડાપાની (Bada Pani Lake)
008. ભારતમાં સૌ-પ્રથમ તાંબાની ખાણ (Copper mine) કઈ જગ્યાએ શરૂ કરવામાં આવેલ હતી ?
 (A) સિંદરી - બિહાર (B) પોર્ટોનોવા - તામીલનાડુ
 (C) ઘાટશિલા - ઝારખંડ (D) રાનીપેટ - તામીલનાડુ
009. માઉન્ટ એવરેસ્ટ પર ચઢનાર વિશ્વની પ્રથમ મહિલા કોણ હતી ?
 (A) જ્યુકો તેબઈ (B) મારગ્રેટ એબેટ
 (C) લાક્યા શેરપા (D) બેલેન્ડા તેરેશ્કોવા
010. ભારત વિશ્વના ભૂમિભાગના કુલ ક્ષેત્રફળનો (લગભગ) કેટલો હિસ્સો ધરાવે છે ?
 (A) 2.4% (B) 3.5%
 (C) 4.6% (D) 1.3%

011. તામીલનાડુનું પ્રખ્યાત લોકનાટ્ય કયું છે ?
 (A) તેરકુટ્ટુ (Terukkuttu) (B) કોલાત્તમ (Kolattam)
 (C) ડપ્પું (Dappu) (D) લંબાડી (Lambadi)
012. નીચેના પૈકી કયા સ્થળો મુરલ પેન્ટિંગ (Mural painting) માટે જાણીતા છે ?
 1. અજંતા ગુફાઓ 2. લેપાક્ષી મંદિર 3. સાચીનો સ્તુપ
 (A) 1 અને 3 (B) 2 અને 3
 (C) 1 અને 2 (D) 1, 2 અને 3
013. નીચેના પૈકી કયું પુસ્તક શ્રી અરવિંદ ઘોષ દ્વારા લખવામાં આવેલ હતું ?
 (A) દક્ષિણ (B) ભવાની મંદિર
 (C) ગુલાબનો કિસ્સો (D) કસરત
014. માઉન્ટ આબુ પાસે આવેલ લુના વસાહી મંદિર (Luna Vasahi Temple) કોને અર્પિત કરવામાં આવેલ છે ?
 (A) વરાહી માતા (B) શંકર ભગવાન
 (C) નેમીનાથ ભગવાન (D) ગણેશ ભગવાન
015. ભારતના નેપોલીયન તરીખે કોણ પ્રખ્યાત છે ?
 (A) સમુદ્ર ગુપ્ત (B) વિક્રમાદિત્ય
 (C) સ્કંદ ગુપ્ત (D) કુમાર ગુપ્ત
016. મહમદ તઘલકે શરૂ કરેલ “દિવાને કોહી” કઈ બાબત સાથે સંકળાયેલ હતું ?
 (A) ફળદ્રુપ જમીન પરનો મહેસુલી દર વધારવો (B) લશ્કરી સાધનોની ખરીદી
 (C) ખેતી વાડી ખાતુ (D) કુદરતી આફતો સામનો કરવાનું આયોજન
017. ગુપ્ત સામ્રાજ્ય દરમ્યાન પ્રખ્યાત બાઘ પેન્ટિંગ (Bagh painting) ના અવશેષો હાલના કયા રાજ્યમાં જોવા મળે છે ?
 (A) મહારાષ્ટ્ર (B) છત્તીસગઢ
 (C) બિહાર (D) મધ્યપ્રદેશ
018. “શોમપેન આદિજાતી” (Shom pen Tribe) કયા વિસ્તારમાં જોવા મળે છે ?
 (A) મીઝોરામ (B) આસામ
 (C) નાગાલેન્ડ (D) નિકોબાર ટાપુઓ
019. નીચે આપેલ વાક્યો ચકાસો.
 1. જસવંતરાય અંજારિયા આર્થિક ક્ષેત્ર સાથે સંકળાયેલ છે અને તેઓને 1957માં પદ્મશ્રી (Padmashri) એવોર્ડ આપવામાં આવેલ હતો.
 2. લાલચંદ હિરાચંદ વહાણ ઉદ્યોગ સાથે સંકળાયેલ હતા અને તેઓ રાજ્યસભાના સદસ્ય પણ હતા.
 (A) માત્ર 1 યોગ્ય છે. (B) માત્ર 2 યોગ્ય છે.
 (C) 1 અને 2 બંને યોગ્ય છે. (D) 1 અને 2 બંને યોગ્ય નથી.
020. ભારતની ખેલાડી માના પટેલ કઈ રમત સાથે સંકળાયેલ છે ?
 (A) તરણ (સ્વીમીંગ) (B) દોડ
 (C) ટેબલ ટેનિસ (D) લોન ટેનિસ

021. “मानयतुर अने धर्मलक्ष्मी” पात्रोनुं सर्जन कोषे करेल હતું ?
 (A) રઘુવીર ચૌધરી (B) ગોવર્ધનરામ ત્રિપાઠી
 (C) ધૂમકેતુ (D) જયંતિ દલાલ
022. “લાગ્યો કસુંબીનો રંગ,
 રાજ મને લાગ્યો કસુંબીનો રંગ,
 જનનીના હૈયામાં પોઢતા-પોઢતા,
 પીધો કસુંબીનો રંગ.”
 આ મહાન કાવ્ય પંક્તિઓના લેખક કોણ છે ?
 (A) નરસિંહ મહેતા (B) પ્રેમાનંદ
 (C) ઝવેરચંદ મેઘાણી (D) ઉમાશંકર જોષી
023. “મુખી ગરબડ દાસ” કઈ બાબત સાથે સંકળાયેલ છે ?
 (A) કૃષિ ક્ષેત્રમાં સંશોધન (B) સ્વાતંત્ર સંગ્રામ
 (C) શિક્ષણ ક્ષેત્ર (D) ગુજરાતી કાવ્યો
024. ભારતના ઇતિહાસમાં હર્ષને દાનવીર રાજા તરીકે યાદ કરવામાં આવે છે, દર પાંચ વર્ષે પ્રયાગમાં નું આયોજન થતું હતું અને ગરીબો, સંતોને ભંડાર ખલાસ ન થાય ત્યાં સુધી દાન આપવામાં આવતું હતું.
 (A) મોક્ષ મહિમા (B) મહા મોક્ષ પરિષદ
 (C) ધર્મસભા (D) તીર્થયાત્રા
025. નીચેના પૈકી કયુ રાજ્ય/શહેર B.C 600 પહેલા ખુબજ શક્તિશાળી હતું ?
 (A) કંબોજ (B) કાશી
 (C) મગધ (D) ગંધાર
026. પ્રમુખ પાદ નગરો (Presidency town)માં કયા વર્ષમાં વિશ્વ વિદ્યાલય (યુનિવર્સિટી)ની સ્થાપના કરવામાં આવેલ હતી ?
 (A) 1888 (B) 1877
 (C) 1867 (D) 1857
027. શ્રી વિનોદ કિનારીવાળા અને શ્રી ઉમાકાંત કડિયા કઈ ચળવળ વખતે શહીદ થયેલ હતા ?
 (A) “હિંદ છોડો ચળવળ” (B) વ્યક્તિગત સત્યાગ્રહ
 (C) સવિનય કાનૂન ભંગ (D) હોમરૂલ ચળવળ
028. રાજ્યમાં ગેરવ્યવસ્થા (Misgovernance) ના બહાના હેઠળ ડેલહાઉસી દ્વારા કયા રાજ્યને ખાલસા કરવામાં આવેલ હતું ?
 (A) અવધ (B) સતારા
 (C) ઝાંસી (D) નાગપુર
029. નિવારક હત્યા (preventive murder) તરીકે મેનટેગ્યુ (mantague) દ્વારા કયા પ્રસંગને વર્ણવેલ છે ?
 (A) કર્જન ઉપર ગોળીબાર (B) મહાત્મા ગાંધીજીની હત્યા
 (C) INA ના કાર્યકર્તાઓની હત્યા (D) જલિયાંવાલા બાગનો હત્યાકાંડ
030. ગુજરાતના “અશોક” તરીકે કોણ પ્રખ્યાત છે ?
 (A) સિધ્ધરાજ જયસિંહ (B) ભીમદેવ પહેલો
 (C) અજયપાળ (D) કુમારપાળ

031. સર થોમસ રેલેના અધ્યક્ષ પદે જાન્યુઆરી 1902માં જે કમિશનની રચના કરવામાં આવેલી હતી તે કયા બાબતોની ભલામણ કરવા નિમવામાં આવેલ હતું ?
- (A) શૈક્ષણિક સુધારા (B) નાણાકિય સુધારા
(C) ન્યાતંત્રમા સુધારા (D) વહીવટી તંત્રમાં સુધારા
032. બરાકપુર હત્યાકાંડના બનાવ વખતે ગવર્નર જનરલ તરીખે કોણ હતું ?
- (A) લોર્ડ મીન્ટો (B) લોર્ડ એમહસ્ટ
(C) લોર્ડ હેસ્ટિંગ્સ (D) લોર્ડ લેકન
033. સેબી કોના કામકાજ ઉપર નિયંત્રણ કરે છે ?
- (A) મ્યુચુઅલ ફંડ (B) કેડીટ રેટીંગ એજન્સીઓ
(C) વેન્યર કેપિટલ ફંડ (D) ઉપરોક્ત બધી એજન્સીઓ / ફંડો
034. “સુગમ્ય ભારત અભિયાન” કોના માટે શરૂ કરવામાં આવેલ છે ?
- (A) ગ્રામ્ય વિસ્તારના ગરીબો માટે
(B) સગીર વયની કન્યાઓ માટે
(C) અલગ રીતે સક્ષમ સમુદાય માટે (differently able community)
(D) 25 થી 30 વર્ષના યુવાનો માટે
035. કુગાવાના કારણે...
1. ભાવમાં સતત વધારો થાય છે.
2. ખરીદ શક્તિમાં વધારો થાય છે.
3. ઉત્પાદનના બધાજ સાધનોનો પૂર્ણ ઉપયોગ થયા પછી પણ ભાવ વધે છે.
ઉપરોક્ત પૈકી કયા વાક્યો યોગ્ય છે ?
- (A) 1 અને 2 (B) 2 અને 3
(C) 1 અને 3 (D) 1, 2 અને 3
036. વર્ષ 2021-22ના માનવ વિકાસ સૂચકાંક (HDI) મુજબ ભારત કયા સ્થાન ઉપર છે ?
- (A) 130 (B) 131
(C) 132 (D) 133
037. “Sustainable Action for Transforming Human Capital - SATH” કાર્યક્રમ કોના દ્વારા શરૂ કરવામાં આવેલ છે ?
- (A) સ્વાસ્થ્ય અને પરિવાર કલ્યાણ મંત્રાલય (B) નીતિ આયોગ
(C) સામાજિક ન્યાય અને અધિકારિતા વિભાગ (D) વિજ્ઞાન અને પ્રૌદ્યોગિકી વિભાગ
038. દેશના ATM, કેડીટ કાર્ડ વગેરેનું સંયોજન અને સંકલન કોના દ્વારા કરવામાં આવે છે ?
- (A) રીઝર્વ બેંક ઓફ ઈન્ડિયા (B) સેબી (પ્રતિભૂતિ અને વિનિમય બોર્ડ)
(C) નેશનલ પેમેન્ટ કોર્પોરેશન ઓફ ઈન્ડિયા (D) મુંબઈ સ્ટોક એક્સચેંજ
039. નીચે આપેલ વાક્યો ચકાસો.
1. પસંદ કરેલ વિકલ્પ માટે જતો કરવો પડતો શ્રેષ્ઠ વિકલ્પ એ “વૈકલ્પિક ખર્ચ છે”.
2. નિયોજક કોઈ વસ્તુનું ઉત્પાદન કરવામાં જે નાણાકીય ચૂકવણીઓ કરે છે તેને “નાણાકીય ખર્ચ” કહે છે.
- (A) 1 અને 2 બંને યોગ્ય છે. (B) માત્ર 1 યોગ્ય છે.
(C) માત્ર 2 યોગ્ય છે. (D) 1 અને 2 બંને યોગ્ય નથી.

040. નીચેના વાક્યો ચકાસો.
1. જ્યારે અંદાજપત્રમાં અંદાજીત ખર્ચા કરતા અંદાજીત આવક વધારે હોય, તેવા અંદાજપત્રને ખાધવાળું અંદાજપત્ર કહે છે.
 2. જ્યારે અંદાજપત્રમાં અંદાજીત ખર્ચા કરતા અંદાજીત આવક ઓછી હોય ત્યારે તેને પુરાતવાળું અંદાજપત્ર કહે છે.
- (A) 1 અને 2 બંને વાક્યો યોગ્ય છે. (B) માત્ર 1 વાક્ય યોગ્ય છે.
 (C) માત્ર 2 વાક્ય યોગ્ય છે. (D) 1 અને 2 બંને વાક્યો યોગ્ય નથી.
041. રીઝર્વ બેંકનું નાણાકીય વર્ષ “જુલાઈથી જુન” સુધી હતું. તે સમય ગાળો બદલીને કયા વર્ષથી “એપ્રિલથી માર્ચ” કરવામાં આવેલ છે ?
- (A) 2021-2022 (B) 2020-2021
 (C) 2019-2020 (D) 2018-2019
042. ભારતનો આર્થિક સર્વેક્ષણ દર વર્ષે કોના દ્વારા પ્રકાશિત કરવામાં આવે છે ?
- (A) રીઝર્વ બેંક ઓફ ઈન્ડિયા (B) નીતિ આયોગ
 (C) ભારતનું નાણા પંચ (D) નાણા મંત્રાલય, ભારત સરકાર
043. પંચાયતોની નાણાકીય પરિસ્થિતિ સુધારવા નાણા પંચની રચના ભારતના સંવિધાનની કઈ કલમ હેઠળ કરવામાં આવે છે ?
- (A) 243 ઝ (B) 243 ટ
 (C) 243 ઠ (D) 243 ઢ
044. ભારતના સંવિધાનની કલમ 329માં કઈ બાબતની જોગવાઈ કરવામાં આવેલ છે ?
- (A) લોકસભાની અને વિધાનસભાઓની ચૂંટણીમાં પુખ્ત મતાધિકાર બાબત
 (B) વિધાન મંડળોની ચૂંટણીઓ અંગેની જોગવાઈ કરવાની સંસદની સત્તા
 (C) ચૂંટણી વિષયક બાબતમાં ન્યાયાલયની દરમ્યાનગીરી ઉપર પ્રતિબંધ
 (D) સંઘની રાજ્યભાષા
045. નીચેના વાક્યો ચકાસો.
1. લોકસેવા આયોગમાં સભ્ય પોતાનો હોદ્દો સંભાળે ત્યારથી 6 વર્ષ સુધી ચાલુ રહી શકે છે.
 2. સંઘ સેવા આયોગમાં પાંસઠ (65) વર્ષની ઉંમર અથવા છ વર્ષની મર્યાદા હોદ્દો ધરાવવા નક્કી થયેલ છે.
 3. રાજ્ય આયોગના કિસ્સામાં મહત્તમ વય મર્યાદા બાસઠ (62) વર્ષની છે.
- (A) 1, 2 અને 3 બધાજ યોગ્ય છે. (B) 1 અને 2 યોગ્ય છે.
 (C) 2 અને 3 યોગ્ય છે. (D) 1 અને 3 યોગ્ય છે.
046. ભારતના સંવિધાનમાં “રાજ્ય”માં કઈ કઈ બાબતોનો સમાવેશ થાય છે ?
1. ભારત સરકાર અને સંસદ
 2. દરેક રાજ્યની સરકાર અને વિધાન મંડળ
 3. ભારતના રાજ્યક્ષેત્રના અથવા ભારત સરકારના નિયંત્રણ હેઠળના સ્થાનિક સત્તા મંડળો
 4. ભારતના રાષ્ટ્રપતિ
- (A) 1, 2, 3 અને 4 (B) 1, 2 અને 3
 (C) 1, 2 અને 4 (D) 2, 3 અને 4

047. ગુજરાત રાજ્યમાંથી રાજ્ય સભાના કેટલા સભ્યશ્રીઓ ચૂંટવામાં આવે છે ?
 (A) 10 (B) 11
 (C) 12 (D) 13
048. ભારતના બંધારણના અનુચ્છેદ નં. 165 માં કઈ બાબતની જોગવાઈ કરવામાં આવેલી છે ?
 (A) રાજ્યની કારોબારી સત્તા (B) રાજ્યપાલની નિમણૂક
 (C) રાજ્યપાલના હોદ્દાની શરતો (D) રાજ્યના એડવોકેટની નિમણૂક
049. યોગ્ય જોડીઓ જોડો.
 ભારતના બંધારણ અનુચ્છેદ વિગત
- | | |
|-------|------------------------------|
| 1. 14 | a. કામદારો માટે નિર્વાહ વેતન |
| 2. 16 | b. કાયદા સમક્ષ સમાનતા |
| 3. 40 | c. જાહેર નોકરીમાં સમાન તક |
| 4. 43 | d. ગ્રામ પંચાયતોની રચના |
- (A) 1 - a, 2 - b, 3 - c, 4 - d (B) 1 - d, 2 - a, 3 - b, 4 - c
 (C) 1 - b, 2 - c, 3 - d, 4 - a (D) 1 - c, 2 - d, 3 - a, 4 - b
050. નીચેના વાક્યો ચકાસો.
 1. ભારતના સંવિધાનમાં 43મો અને 87મો સુધારો કરીને સંવિધાનમાં મૂળભૂત ફરજો દાખલ કરવામાં આવેલ છે.
 2. ભારતના સંવિધાનની કલમ 52-ક માં મૂળભૂત ફરજોની ચર્ચા કરવામાં આવેલ છે.
 (A) માત્ર 1 યોગ્ય છે. (B) માત્ર 2 યોગ્ય છે.
 (C) 1 અને 2 બંને યોગ્ય નથી. (D) 1 અને 2 બંને યોગ્ય છે.
051. દરેક વસ્તી ગણતરી પછી રાજ્યોને ફાળે આવતી લોકસભાની બેઠકોની ફેર ગોઠવણી કરવાની જોગવાઈ બંધારણના કયા અનુચ્છેદમાં કરવામાં આવેલી છે ?
 (A) 80 (B) 81
 (C) 82 (D) 83
052. ભારતના સંવિધાનમાં “રાજ્યપાલ” અંગેની જોગવાઈઓ કયા ભાગ/પ્રકરણમાં કરવામાં આવેલી છે ?
 (A) ભાગ-4 પ્રકરણ-6 (B) ભાગ-5 પ્રકરણ-4
 (C) ભાગ-6 પ્રકરણ-2 (D) ભાગ-7 પ્રકરણ-1
053. નીતિ આયોગ દ્વારા 30 જાન્યુઆરી 2023 ના રોજ “Research in Agroecology” જ્ઞાન આદાન પ્રદાનનો કાર્યક્રમ કયા દેશના સહયોગમાં આયોજીત કરવામાં આવેલ હતો ?
 (A) ઈઝરાયેલ (B) સ્વીડન
 (C) ડેનમાર્ક (D) જર્મન
054. 26 નવેમ્બર 1949 ના રોજ ભારતનું સંવિધાન કોને અર્પિત કરવામાં આવેલ હતું ?
 (A) “ભારતની પ્રજાને” (B) “લોક સભાને”
 (C) “રાજ્ય સભાને” (D) “અમને પોતાને”

055. એક કારખાનાના 60 મજૂરોનો સરેરાશ વેતન રૂ. 2000 છે. જો મેનેજરનો પગાર ગણવામાં આવે તો બધાનું સરેરાશ વેતન રૂ. 20800 થાય છે. આ સંજોગોમાં મેનેજરનો પગાર કેટલો હશે ?
- (A) 68,800 (B) 20,800
(C) 40,800 (D) 80,800
056. એક સંખ્યાના 8 ગણમાંથી પાંચ (5) બાદ કરતા જે પરિણામ મળે છે. તે સંખ્યાના પાંચ (5) ગણ કરતા 4 વધારે છે. તો તે સંખ્યા કઈ હશે ?
- (A) 2 (B) 3
(C) 4 (D) 5
057. 3 પેન અને 4 પેન્સિલની કિંમત રૂ. 23 છે અને 2 પેન અને 3 પેન્સિલની કિંમત રૂ. 16 છે. તો 6 પેન અને 12 પેન્સિલની કિંમત કેટલી હશે ?
- (A) રૂ. 45 (B) રૂ. 48
(C) રૂ. 54 (D) રૂ. 60
058. 20 લીટર મિશ્રણમાં દુધ અને પાણીનું પ્રમાણ 3 : 1 છે. જો નવું પ્રમાણ 4 : 1 રાખવું હોય તો વધારાનું કેટલું દુધ ઉમેરવું પડશે ?
- (A) 10 લીટર (B) 8 લીટર
(C) 6 લીટર (D) 5 લીટર
059. 24 મજૂરો દર રોજ 6 કલાક કામ કરીને 18 દિવસમાં કામ પૂર્ણ કરે છે. જો દર રોજ 4 કલાક કામ કરીને 12 દિવસમાં કામ પૂર્ણ કરવાં કેટલા મજૂરો જરૂરી છે ?
- (A) 54 (B) 60
(C) 64 (D) 72
060. એક નળ ટાંકીને 30 મિનિટમાં બીજો નળ 20 મિનિટમાં અને ત્રીજો નળ 60 મિનિટમાં ટાંકી ભરી શકે છે. જો ત્રણેય નળ ચાલુ કરવામાં આવે તો ટાંકી કેટલા મિનિટમાં ભરાઈ જશે ?
- (A) 5 મિનિટ (B) 10 મિનિટ
(C) 15 મિનિટ (D) 20 મિનિટ
061. એક વસ્તુ રૂ. 240 માં વેચતા 20% ખોટ જાય છે તો 20% નફો મેળવવા આ વસ્તુ કેટલામાં વેચવી જોઈએ ?
- (A) રૂ. 300 (B) રૂ. 360
(C) રૂ. 420 (D) રૂ. 240
062. એક રકમનું 5% લેખે 3 વર્ષ અને 4 વર્ષના વ્યાજનો તફાવત રૂ. 420 થાય છે. આ સંજોગોમાં મુદ્દલ કેટલા રૂ. નું હશે ?
- (A) રૂ. 8000 (B) રૂ. 8400
(C) રૂ. 9200 (D) રૂ. 9600
063. $\sqrt[3]{64} - \sqrt[4]{81}$ નું મુલ્ય કેટલું હશે ?
- (A) 1 (B) 2
(C) 3 (D) 4

064. એક બોક્સમાં રૂ. 180 ના રૂ. 1, 50 પૈસા અને 25 પૈસાના 2 : 3 : 4 ના પ્રમાણમાં સિક્કાઓ છે. આ સંજોગોમાં 50 પૈસાના કેટલા સિક્કા હશે ?
- (A) 80 (B) 100
(C) 120 (D) 160
065. 140 મીટર લંબાઈ વાળી 60 કિમી/કલાકની ઝડપથી જતી ટ્રેન સામેથી આવતી 48 કિમી/કલાકની ઝડપી ટ્રેન કે જે 160 મીટર લાંબી છે તેને કેટલા સમયમાં પસાર કરશે ?
- (A) 6 સેકન્ડ (B) 10 સેકન્ડ
(C) 16 સેકન્ડ (D) 25 સેકન્ડ
066. 2, 6, 18, 54,, ખાલી જગ્યા પુરો.
- (A) 108 (B) 148
(C) 162 (D) 216
067. ELFA, GLHA, ILJA,, MLNA ખાલી જગ્યા પુરો.
- (A) OLPA (B) KLMA
(C) LLMA (D) KLLA
068. 10 મીટર લાંબા, 8 મીટર પહોળા ધાબામાં 6 સે.મી. વરસાદનું પાણી ભરાય છે. આ સંજોગોમાં ધાબામાં કેટલું પાણી ભરાયેલ હશે ?
- (A) 4,800 લિટર (B) 4,800 કિલો લિટર
(C) 4,800 મીટર (D) 4,800 સે.મી.
069. પાંચ મીટર લંબાઈ વાળા ચોરસ કાપડમાંથી 25 સે.મી.ના કેટલા ચોરસ નેપકીન બનાવી શકાય ?
- (A) 100 (B) 200
(C) 400 (D) 800
070. નીચેના પૈકી કયા રોગો, વિકૃતિઓ પ્રકૃતિમાં અનુવંશિક છે ? (diseases and disorders are genetic in nature)
1. ડાયાબીટીસ (Diabetes)
 2. કલર બ્લાઈન્ડનેસ (Colour blindness)
 3. એચ.આય.વી. (HIV)
 4. લીવર અને હૃદયના રોગો (Liver and heart diseases)
- (A) 1 અને 2 (B) 1, 2 અને 3
(C) 2 અને 3 (D) 1, 2, 3, 4
071. કેસલર સિન્ડ્રોમ (કેસલર સહલશણ) કઈ બાબત સાથે સંકળાયેલ છે ?
- (A) બ્લેક હોલ (Black Holes) (B) સ્પેસ જંક (Space Junk)
(C) મીટીયોર શાવર (Meteor Shower) (D) ગ્રેવીટેશનલ લેન્સીંગ (Gravitational lensing)
072. CART-Cell થેરપી કે જે હાલમાં ઘણી ચર્ચામાં છે તે કયા રોગ સામે રક્ષણ આપવા / રોગનું પ્રમાણ ઘટાડવા ઉપયોગમાં લેવામાં આવે છે ?
- (A) કોવીડ-19 (Covid-19) (B) હેપેટીટીસ-B (Hepatitis-B)
(C) ક્ષય (Tuberculosis) (D) કેન્સર (Cancer)

073. નીચેના પૈકી કોનું ઉચ્ચતમ કેલરીફિક મુલ્ય રહેલ છે ? (Highest calorific value)
- (A) કોલસો (Coal) (B) પેટ્રોલ (Petrol)
(C) સી.એન.જી. (CNG) (D) હાયડ્રોજન (Hydrogen)
074. ડેડ ઝોન (Dead Zones) અંગે નીચેના વાક્યો ચકાસો.
1. આ વિસ્તારના પાણીમાં પ્રાણવાયુ ખુબજ પ્રમાણમાં હોય છે.
2. માનવ પ્રવૃત્તિઓથી અતિષય પોષક પ્રદૂષણને કારણે આ બાબત ઉદ્ભવે છે.
3. ક્લાયમેટિક ફેરફારના કારણે આનો વિસ્તાર વધી શકે છે.
- (A) 1 અને 2 (B) 2 અને 3
(C) 1 અને 3 (D) 1, 2 અને 3
075. ઉષ્ણકટિબંધીય ભેજવાળા જંગલો (Tropical moist forest) ભારતમાં કયા વિસ્તારમાં આવેલ છે ?
1. પશ્ચિમ ઘાટનો પશ્ચિમ ઢોળાવ
2. અંદામાન અને નિકોબાર ટાપુઓ
3. ભારતનો ઉત્તર પૂર્વીય પ્રદેશ
- (A) 1 અને 2 (B) 2 અને 3
(C) 1 અને 3 (D) 1, 2 અને 3
076. ઉષ્ણ કટિબંધીય વરસાદી જંગલો (Tropical rain forest) મુખ્યત્વે ભારતમાં કયાં વૃક્ષો જોવા મળે છે ?
1. સેમુલ (Semul)
2. ઈબોની (Ebony)
3. ભારતીય લોરેલ (Indian Laurel)
4. આમળા (Amla)
- (A) 1, 2 અને 3 (B) 2 અને 3
(C) 2, 3 અને 4 (D) 1, 2, 3 અને 4
077. ડેસીબલ (Decibel) એ શાની ગણતરી કરવાનું એકમ છે ?
- (A) પ્રકાશની ગતિ માપવા (B) રેડિયો વેવની ફ્રિક્વન્સી માપવા
(C) અવાજની તીવ્રતા માપવા (D) ગરમીનું પ્રમાણ જોવા
078. સામાન્ય રીતે એક હોર્સ પાવર (Horse Power) એટલે...
- (A) 746 વૉટ (Watts) (B) 764 વૉટ (Watts)
(C) 674 વૉટ (Watts) (D) 647 વૉટ (Watts)
079. મીસોન્સ (Mesons) સામાન્ય રીતે શામા જોવા મળે છે ?
- (A) લેઝર બીમ (Laser Beam) (B) X-રેઝ (X-Rays)
(C) ગામા રેઝ (Gamma rays) (D) કોસ્મીક રેઝ (Cosmic rays)
080. ન્યુક્લિયર વિભાજન કોની અસરથી થાય છે ? (Nuclear fission is caused by the impact of)
- (A) ન્યુટ્રોન (Neutron) (B) પ્રોટોન (Proton)
(C) ડીટ્રોન (Deuteron) (D) ઈલેક્ટ્રોન (Electron)

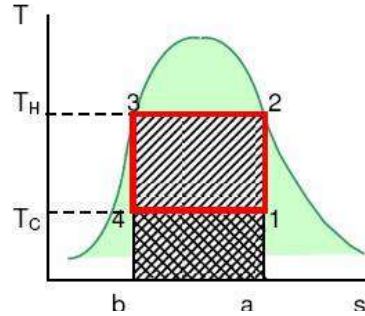
081. નીચેના પૈકી કોને સામાન્ય ભાષામાં પોલિએમીડ (Polyamide) કહેવામાં આવે છે ?
 (A) ટેરેલીન (Terylene) (B) નાયલોન (Nylon)
 (C) રેયોન (Rayon) (D) ઓરલોન (Orlon)
082. નીચેના પૈકી કયું પ્રોટીન (Protein) છે ?
 (A) નેચરલ રબ્બર (Natural rubber) (B) સ્ટોર્ચ (Starch)
 (C) સેલ્યુલોસ (Cellulose) (D) ઉપરોક્ત પૈકી એકપણ નહીં
083. નીચેના પૈકી કયા દેશ દ્વારા “ડિજિટલ વિચરતી વ્યૂહરચના” (Digital Nomad Strategy) ની શરૂઆત કરેલ છે ?
 (A) પોલેન્ડ (B) કેનેડા
 (C) ઓસ્ટ્રીયા (D) જાપાન
084. નીચેના પૈકી કયા દેશે તેના લોકોની પરંપરાગત ઉમર ગણવાની પધ્ધતી છોડી દીધેલ છે ?
 (A) સાઉથ કોરીયા (B) સ્પેન
 (C) નોર્થ કોરીયા (D) સ્વીટ્ઝર લેન્ડ
085. એશિયન કબડ્ડી ચેમ્પિયશિપ 2023માં ફાઇનલમાં પ્રવેશવા માટે ભારતે કયા દેશની ટીમને હરાવેલ હતી ?
 (A) ઈરાક (B) ઈન્ડોનેશીયા
 (C) ઈઝરાયલ (D) ઈરાન
086. ભારતમાં “તરંગ કવાયત”નું આયોજન કયા દળ (Force) દ્વારા કરવામાં આવેલ છે ?
 (A) કર્ડ કમાન્ડો ફોર્સ (Grud Commando Force)
 (B) ઈન્ડીયન એયર ફોર્સ (Indian Air Force)
 (C) ઈન્ડીયન નેવી (Indian Navy)
 (D) ઈન્ડીયન કોસ્ટ ગાર્ડ (Indian Cost Guard)
087. વિશ્વમાં લઘુગ્રહ (Asteroid Day) ક્યારે ઉજવવામાં આવે છે ?
 (A) 28 જુન (B) 29 જુન
 (C) 30 જુન (D) 1 ઓગષ્ટ
088. દિલ્હીની “ઓરંગઝેબ લેન”નું નામ બદલીને તેને ભારતના કયા પૂર્વ રાષ્ટ્રપતિનું નામ આપવામાં આવેલ છે ?
 (A) શ્રી કે.આર. નારાયણ (B) ડૉ. એ.પી.જે.અબ્દુલ કલામ
 (C) જ્ઞાની જૈલ સીંઘ (D) શ્રીમતી પ્રતિભા પાટીલ
089. ભારતના કયા આદરણીય ડૉક્ટરને રાષ્ટ્રીય ડૉક્ટર દિવસ સમર્પિત છે ?
 (A) ડૉ. વિદ્યાનથન કિષ્કમૂર્તિ (B) ડૉ. બિધન ચંદ્ર રોય
 (C) ડૉ. અમતા પ્રકાશ મમતાની (D) ડૉ. રામ મનોહર લોહીયા
090. WEF ના એનર્જી ટ્રાન્ઝિશન ઈન્ડેક્સ (WEF Energy Transition Index)માં ભારત હાલમાં જાહેર થયેલ પરિણામોમાં કયા સ્થાન ઉપર છે ?
 (A) 65માં સ્થાન પર છે. (B) 66માં સ્થાન પર છે.
 (C) 67માં સ્થાન પર છે. (D) 68માં સ્થાન પર છે.

091. વૈશ્વિક સ્પર્ધાત્મકતા સૂચકાંક 2023 (Global Competitiveness Index 2023)માં ભારત કયા સ્થાન ઉપર હતું ?
 (A) 32મું સ્થાન (B) 36મું સ્થાન
 (C) 40મું સ્થાન (D) 43મું સ્થાન
092. હોકી ઈન્ડિયા દ્વારા જુનિયર મહિલા રાષ્ટ્રીય ટીમના મુખ્ય કોચ તરીકે કોની નિમણૂક કરવામાં આવી છે ?
 (A) લીયો પીન્ટો (B) તુષાર ખાંડકર
 (C) સરદાર સિંગ (D) કિશન લાલ
093. હાલમાં ઉત્તર પ્રદેશમાંથી કેટલી વસ્તુઓને જ્યોગ્રાફીકલ ઈન્ડીકેશન (Geographical Indication) મળેલ છે ?
 (A) સાત (Seven) (B) આઠ (Eight)
 (C) નવ (Nine) (D) દસ (Ten)
094. ભારતને સ્પેશિયલ ઓલિમ્પિક્સ 2023 (Special Olympics 2023) કેટલા મેડલ મળેલ છે ?
 (A) 193 (B) 196
 (C) 203 (D) 216
095. ધ હેમિસ ફેસ્ટિવલ (The Hemis Festival) કયા દેવતાની જન્મજયંતિના સન્માનમાં ઉજવવામાં આવે છે ?
 (A) લોર્ડ પદ્મસમભવ (Lord Padmasambhava) (B) લોર્ડ જગન્નાથ (Lord Jagannath)
 (C) ગોડેસ તેરા (Goddess Tera) (D) લોર્ડ શીવા (Lord Shiva)
096. યોનાઈટેડ નેશન્સ ઓફીસ ફોર આઉટર સ્પેસ અફેર્સ (United Nations Office for Outer Space Affairs)ના ડાયરેક્ટર તરીકે કોની નિયુક્તિ કરવામાં આવેલી છે ?
 (A) આરતી હોલા મની (Arati Holla Maini) (B) કેથરીન કેલવીન (Katherine Calvin)
 (C) જીમગ્રીન (D) કાર્લ સગન (Carl Sagan)
097. વિક્ટર 6000 (Victor 6000) જેણે ટાયટન સબમર્સિબલનો બચાવ કામગીરીમાં ભાગ લીધો હતો તે કયા દેશમાં વિકસાવવામાં આવેલ હતો ?
 (A) રશીયા (B) ચીન
 (C) ગ્રીસ (D) ફ્રાન્સ
098. વિશ્વના સૌથી મોટા શહેરી સ્વચ્છતા સર્વેક્ષણ-2023ની કયા સંસ્કરણ (edition)ની શરૂઆત થયેલ છે ?
 (A) 8મા (B) 9મા
 (C) 10મા (D) 11મા
099. પોતાના ઘરેલુ દેવાનું (Domestic Debt)નું પુનર્ગઠન કરવા કયા દેશે તેની બેંકો, નાણાકીય ક્ષેત્રને પાંચ દિવસ સુધી બંધ રાખેલ છે ?
 (A) પાકિસ્તાન (B) શ્રીલંકા
 (C) ગ્રીસ (D) બાંગ્લાદેશ
100. એચરપોર્ટ મુસાફરો માટે “BRL પલ્સ એપ” (BRL Pulse App) કયા એચરપોર્ટ દ્વારા શરૂ કરેલ છે ?
 (A) મુંબઈ એચરપોર્ટ (B) ચેન્નાઈ એચરપોર્ટ
 (C) બેંગલુરુ ઈન્ટરનેશનલ એચરપોર્ટ (D) ચંદીગઢ એચરપોર્ટ

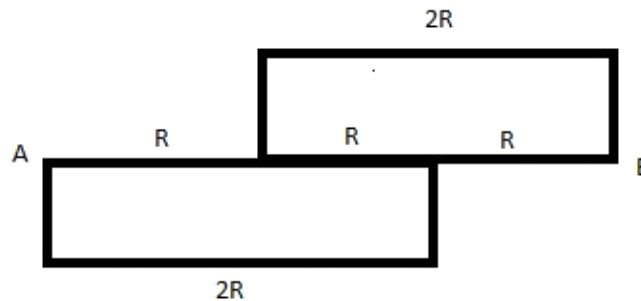
101. Ceramic materials are used in many engineering applications, they have several notably properties. Find out which of property is not related to ceramic materials.
- (A) brittle (B) ductile
(C) low fracture toughness (D) low electrical
102. Silicon is the most useful semiconductor for electronic devices. Silicon conductivity can be tailored by doping from intrinsic to n-type of p-type. If silicon is doped with a trivalent impurity, it will.
- (A) increase the number of electrons and hole
(B) shift the fermi energy level toward conduction band
(C) shift the fermi energy level toward valence band
(D) increase the mobility of the charge carriers
103. Identify the Ferrous materials from the following list, only one option is correct.
- (A) Alumina, Zirconia and Zinc (B) Cast Iron, Steel and Alloys Steel
(C) Silica, Copper and Brass (D) Nickel, Aluminum, and Titanium
104. The lubricants are used for various reasons, select which one is not a valid reason for use of lubricants.
- (A) Lubricants prevent the moving part from overheating.
(B) Reduces noise or friction among moving parts.
(C) Lubricants enhance the strength of welded joints.
(D) Protect from wear, rusting, and corrosion.
105. How diamond is different than graphite, find the right answer.
- (A) Diamond is stronger than single sheet of graphite
(B) Diamond has SP^3 hybridization while graphite has SP^2 hybridization
(C) Diamond has SP^2 hybridization while graphite has SP^3 hybridization
(D) Both have SP hybridization and covalent bonding
106. First man made fiber is -
- (A) Nylon (B) Polyesters
(C) Rayon (D) Polystyrene
107. Polymers are ones that contain many chemical bonded parts that themselves are bonded together to form a solid.
The abbreviations of a few commonly known polymers are listed below, identify which is incorrect.
- (A) PVC : Polyvinyl Chloride (B) SAN : Styrene-acrylonitrile
(C) PMMA : Polymethyl methacrylate (D) PTFE: Polytetrafluoroethylene
108. Fiber tenacity or tensile strength is the ability of a textile to withstand a pulling force. The fiber tenacity depends upon several parameters, find out which parameter does not affect the tenacity of fiber.
- (A) surface roughness of polymer (B) length of its polymers
(C) degree of polymer orientation (D) strength and types of inter-polymer forces of attraction

109. Select the ceramic materials which are normally used as good insulators for high voltage/current applications.
- (A) nickel aluminates, chromium carbide, tungsten carbide
(B) alumina, porcelain, fused silica glass
 (C) silicon carbide, silicon nitride, boron carbide
 (D) None of the above
110. Toughness of a materials in a mechanical term can be described as
- (A) Ability of a material to release energy during fracture and can be measured as energy per unit volume.
(B) Ability of a material to absorb energy up to fracture and can be measured as energy per unit volume.
 (C) Ability of a material to absorb energy when it is deformed elastically and can be measured as energy per unit volume.
 (D) It is measure of the degree of plastic deformation that has been sustained at fracture.
111. Specific heat is defined as
- (A) The amount of heat required to raise the temperature of a unit volume of material by 1 degree
 (B) The amount of heat transfer by a unit mass under constant Temperature
(C) The amount of heat required to raise the temperature of a unit mass of material by 1 degree
 (D) None of the above
112. Units of which of the pairs are same
- (A) Enthalpy (h) and Internal Energy (u)** (B) Pressure (P) and Enthalpy (h)
 (C) Enthalpy (h) and Entropy (s) (D) Temperature (T) and Entropy (s)
113. A liquid is boiling in an airtight vessel. Using an exhaust tube the vapour is pumped out at a faster rate than it is produced. What will happen to the liquid?
- (A) Temperature will go down but boiling will continue**
 (B) Temperature will rise and boiling will continue
 (C) Boiling will stop
 (D) Whatever vapour inside will condense
114. It is impossible in any way to diminish the entropy of a system of bodies without thereby leaving behind changes in other bodies – Statement by
- (A) Plancks (B) Lewis
(C) Clausius (D) Fourier
115. A carnot engine operates between 300 K and 600 K. If the entropy change during heat addition is 1 kJ/K, the work produced by the engine
- (A) 100 kJ (B) 200kJ
(C) 300kJ (D) 400kJ
116. Example of the application of zeroth Law of thermodynamics is
- (A) Radiation Pyrometer (B) Thermocouple
(C) Mercury in Glass Thermometer (D) None of the above
117. The conversion from Celsius scale to Fahrenheit scale is
- (A) $^{\circ}\text{C} = 273.15 + ^{\circ}\text{F}$ (B) $^{\circ}\text{C} = 4/9(^{\circ}\text{F} - 23)$
 (C) $^{\circ}\text{C} = 1.8(^{\circ}\text{F}) - 32$ **(D) $^{\circ}\text{F} = 1.8(^{\circ}\text{C}) + 32$**

118. IN cycle 1 → 2 → 3 → 4, area bounded by 1234 is



- (A) Q added to refrigerant
 (B) Q rejected from refrigerant
 (C) Work done by compressor
 (D) Net heat transfer from refrigerant
119. “The total pressure of a mixture of gases at given volume and temperature, is equal to the sum of the partial pressures of its constituents” is
 (A) Avogadro’s Law
 (B) Dalton’s Law
 (C) Gibb’s Law
 (D) Pascal’s Law
120. Barometer is used in the measurement of
 (A) Piezometric Pressure
 (B) Atmospheric Pressure
 (C) Gauge Pressure
 (D) Total pressure of wind
121. A Platinum coil has a resistance of 3.146Ω at 40°C and 3.767Ω at 100°C . The resistance at 0°C is
 (A) 1.52Ω
 (B) 2.24Ω
 (C) 2.73Ω
 (D) 3.16Ω
122. Which statement is true for Ideal constant Voltage source?
 (A) It has zero internal resistance.
 (B) It has infinite internal resistance.
 (C) Internal voltage drop is finite.
 (D) Dry cell is example of Ideal constant Voltage source.
123. What is the equivalent resistance between point A and B of the circuit shown below:



- (A) $0.4 R$
 (B) $1.4 R$
 (C) $2.4 R$
 (D) $3.4 R$

124. Which Equipment and Procedural Strategies is not followed for Protection from Shock type Electrical Hazards?
- (A) Rubber insulating equipment including gloves with leather protectors, sleeves, mats, blankets, line hose, and covers.
 (B) Insulated tools when working near electrical conductors.
 (C) Make certain that all nonenergized equipment is properly grounded.
 (D) Energize all circuits and conductors in the immediate work area.
125. The internal resistance of normal human body is approximately
- (A) 10Ω (B) 100Ω
 (C) 300Ω (D) 1MΩ
126. Which type of earthing is suitable for areas which are sandy in nature ?
- (A) Strip Earthing (B) Rod Earthing
 (C) Pipe Earthing (D) Plate Earthing
127. Supplier's fuse, which is provided in domestic wiring system is
- (A) After the energy meter (B) Before the energy meter
 (C) Before the distribution board (D) After the main switch
128. What is the name of wiring if one lamp is controlled from two different places?
- (A) Go down wiring (B) Tunnel wiring
 (C) Staircase wiring (D) Hostel wiring
129. The illumination required for normal reading is around
- (A) 480-520 lumens/m² (B) 200 - 100 lumens/m²
 (C) 80 - 60 lumens/m² (D) 40 - 20 lumens/m²
130. An ideal circuit breaker should offer
- (A) Zero & infinite impedance before & after interruption respectively
 (B) Infinity & zero impedance before & after interruption respectively
 (C) Equal impedance before & after interruption
 (D) None of the above
131. Which of the following is considered an unsolicited commercial email?
- (A) Virus (B) Spam
 (C) Malware (D) Phishing
132. Program designed to perform a specific task is known as
- (A) Application Software (B) System Software
 (C) Utility Programs (D) None of the above
133. Which of the following is used to create a Web page?
- (A) HTTP (B) WWW
 (C) HTML (D) None of the above
134. Which is not a type of Secondary memory?
- (A) Solid State Drive (B) Hard Disk
 (C) RAM (D) USB Pen Drive

135. A Compiler is
 (A) A program which translates from one high-level language to machine language
 (B) A combination of computer hardware
 (C) A program which translates assembly language to machine language
 (D) A program which translates machine language to high-level language
136. A number system that has 8 different symbols to represent any quantity is known as
 (A) Decimal System (B) Binary System
 (C) Hexadecimal System (D) None of the above
137. Which symbol in a flowchart represents a decision or a conditional statement?
 (A) Oval (B) Rectangle
 (C) Parallelogram (D) Diamond
138. Which of the following is true about algorithms?
 (A) They are specific to a particular programming language.
 (B) They are used only for mathematical calculations.
 (C) They are primarily used for user interface design.
 (D) They must have a finite number of steps.
139. Which of the following is NOT a primary function of an operating system?
 (A) Memory Management (B) File Management
 (C) Data Analysis (D) Process Management
140. What does the term "URL" stand for?
 (A) Universal Resource Locator (B) Uniform Resource Language
 (C) Unified Routing Language (D) User Requirements List
141. The process of defining goals, establishing strategy, and developing plans to coordinate activities is called
 (A) Organizing (B) Planning
 (C) Controlling (D) Leading
142. The Fiscal Responsibility and Budget Management Act was passed to keep check on?
 (A) Fiscal deficit only (B) Revenue deficit only
 (C) Both fiscal and revenue deficit only (D) None of the above
143. The practice of management was written by
 (A) Louis Allan (B) Terry
 (C) Max Weber (D) None of the above
144. The theory is a style of management that emphasizes hierarchy, specialized roles and single leadership for optimized efficiency in the workplace.:
 (A) Contingency view (B) Systems view
 (C) Operational viewpoint (D) Classical view
145. According to the principles of Henry Fayol, remuneration of personnel refers to:
 (A) Distribution of profits to shareholders
 (B) Establishing reporting relationships
 (C) Compensation in both monetary and non-monetary terms
 (D) Implementation of operational plans

146. The Hawthorne studies were significant in management history because they:
- (A) Focused on productivity measures
 - (B) Introduced time and motion studies
 - (C) Emphasized the human relations aspect of managing**
 - (D) Developed the scientific management theory
147. A matrix organization typically violates which classical management principle?
- (A) Scalar chain
 - (B) Division of work
 - (C) Unity of direction
 - (D) Unity of command**
148. The critics of the concept of management by objectives (MBO) include:
- (A) MBO effort perpetuates and intensifies hostility, resentment, and distrust between a manager and subordinates
 - (B) it is just industrial engineering with a new name, applied to higher managerial levels, and with the same resistances intact.
 - (C) both (A) and (B)**
 - (D) MBO is very robust and beyond critique
149. The scholars and practitioners who advocate administrative and managerial reforms in organizations, base their arguments to move beyond bureaucratic model of organization on which of the basis mentioned below?
- (A) The theory is not applicable to all forms of organizations
 - (B) The theory was useful in past and to manage organizations of future, new theories are required which foster creativity and innovation in performing tasks**
 - (C) The theory was plagiarised and thus it should be abandoned
 - (D) No such concerns are valid
150. The contingency approach to management is based on which of the following principles?
- (A) Managers should make every attempt to strive for organizational efficiency
 - (B) The correct managerial action depends on the particular parameters of each situation**
 - (C) There is only one best way to manage
 - (D) Managers must strictly enforce work rules and procedures
151. Which of these statements is true about the sociotechnical systems theory?
- (A) It suggests that organizations are effective when their employees have the right tools, training, and knowledge to make products and services that are valued by customers.
 - (B) It postulates that organizations are minimally effective systems that conserve energy by maintaining their structure over time.
 - (C) It contends that organizations are physical entities that transform inputs of raw materials into products and services.
 - (D) It argues that organizations are social inventions for accomplishing common goals through group effort.**
152. Which theory postulates that a manager's choice of action depends on the complex array of variables present in each situation?
- (A) The scientific management theory
 - (B) The human relations theory
 - (C) The contingency theory**
 - (D) The systems theory

153. What is the main goal of Lean Manufacturing?
 (A) Increase in inventory (B) Elimination of waste
 (C) Increase in manpower (D) Decreased productivity
154. The Pareto principle is given by?
 (A) Lorenzo Pareto (B) Alfred Pareto
 (C) Vilfredo Pareto (D) None of the above
155. What is the primary/main focus of Total Quality Management (TQM)?
 (A) Financial performance (B) Customer satisfaction
 (C) Supplier relations (D) Employee welfare
156. _____ is a popular Lean workflow management method for defining, managing, and improving services that deliver knowledge work?
 (A) Backflush (B) Consignment
 (C) Kanban (D) Sequencing
157. An operations manager is deciding on the layout of a new production facility. What type of layout is best suited for producing a wide variety of non-standardized products?
 (A) Product layout (B) Process layout
 (C) Fixed-position layout (D) Cellular layout
158. A factory currently has an inventory holding cost of 20% per year. If the factory decides to implement a JIT inventory system, how will this affect the holding cost?
 (A) The holding cost will increase
 (B) The holding cost will decrease
 (C) The holding cost will remain the same
 (D) Cannot be determined without additional information
159. In a supply chain, the bullwhip effect refers to:
 (A) A disruption in the supply of raw materials
 (B) The amplification of demand fluctuations
 (C) The effect of inflation on supply chain costs
 (D) The impact of transportation delays
160. What is the primary objective of the Six Sigma methodology?
 (A) Increase product variety (B) Reduce defects and variation
 (C) Improve employee morale (D) Boost revenues
161. The method of Burning Municipal Solid Waste in a Properly Designed Furnace Under Operating Conditions and Suitable Temperature is called?
 (A) Landfill research (B) Recycling
 (C) Vermicomposting (D) Incineration
162. The economic production quantity (EPQ) model differs from the economic order quantity (EOQ) model in that the EPQ model assumes:
 (A) Instantaneous delivery of orders
 (B) Constant demand rate
 (C) Production and usage occur simultaneously
 (D) No shortages are allowed

163. In project management, the critical path of a project network is the:
- (A) Shortest time path through the network
 - (B) Longest time path through the network**
 - (C) Cheapest path through the network
 - (D) Most resource-intensive path through the network
164. The two-bin system is a type of:
- (A) Production planning system
 - (B) Quality control system
 - (C) Inventory control system**
 - (D) Facility layout system
165. There are concerns about both _____ and _____ types of economic system. Therefore, many scholars appreciate the foresightedness of Bharatiya leadership which adopted the _____ system.
- (A) Capitalism, Socialism, Mixed Economic**
 - (B) Mixed Economic, Capitalism, Socialism
 - (C) Capitalism, Socialism, Communism
 - (D) No such systems are in existence
166. In the initial years of India's planned development strategy (post-independence) were characterised by a _____ fiscal policy.
- (A) expansionary
 - (B) conservative**
 - (C) liberal
 - (D) no such approach was followed, it was impromptu decision model
167. Which of following statement is true with respect to economic policy in initial era post-independence in India: (choose the most appropriate option)
- (A) The tax system was geared to transfer resources from the private sector to fund the large public sector driven industrialization process and also cover social welfare schemes**
 - (B) Government was aggressively pushing towards LPG reforms
 - (C) Government wanted private sector to play a major role in developing infrastructure
 - (D) The tax system was fairly liberal and provided incentive to corporate tax payers
168. Under the Sustainable Finance Working Group, India has been working on three priority areas to advance the actions as envisaged in the G20 Sustainable Finance Roadmap. Which of the following is not included in the priority areas?
- (A) Mechanisms for mobilisation of timely and adequate resources for climate finance
 - (B) Enabling finance for the Sustainable Development Goals
 - (C) Withdrawing incentives for products which are not sustainable**
 - (D) Capacity building of the ecosystem for financing toward sustainable development
169. The fiscal policy instrument that is used to manage aggregate demand and output is:
- (A) Open market operations
 - (B) Government expenditure**
 - (C) Discount rate
 - (D) Reserve requirements
170. Suppose a country is experiencing a high unemployment rate and low levels of inflation. According to Keynesian economics, which policy should the government adopt to stimulate economic growth?
- (A) Decrease government spending
 - (B) Increase taxes
 - (C) Decrease money supply
 - (D) Increase government spending**

171. In the context of business environments, PESTEL analysis stands for:
(A) Political, Economic, Social, Technological, Environmental, Legal
(B) Political, Economic, Social, Technological, Ethical, Legal
(C) Political, Environmental, Social, Technological, Economic, Legal
(D) Political, Economic, Social, Theoretical, Environmental, Legal
172. The Credit Linked Capital Subsidy Scheme for Technology Upgradation focuses on Facilitating Technology Upgradation of Micro and Small enterprises by:
(A) providing 15% capital subsidy (B) providing 20% capital subsidy
(C) providing 25% capital subsidy (D) None of the above
173. The theory which states that countries should specialize in producing goods for which they have the lowest opportunity cost is:
(A) Theory of Absolute Advantage (B) Theory of Comparative Advantage
(C) Factor Proportions Theory (D) International Product Life Cycle Theory
174. If the economy is in recession, and the government decides to increase spending to stimulate the economy, this is an example of:
(A) Contractionary fiscal policy (B) Expansionary fiscal policy
(C) Contractionary monetary policy (D) Expansionary monetary policy
175. Which of the following prominent social media company was involved in major business policy issues with Government of India in past 5 years?
(A) LinkedIn (B) Meta (Facebook)
(C) Twitter (D) No such concerns were witnessed
176. Which of the following two companies were involved in a major business deal in aviation sector in recent past?
(A) Air India and Airbus
(B) Air India and Indigo
(C) Jet Airways and Airbus
(D) Aviation sector is going through tough phase, there was no such deal.
177. What does the term “working capital” mean in financial management?
(A) The capital used for purchasing fixed assets
(B) The capital required for day-to-day operations
(C) The capital required for setting up a new business
(D) The capital used for repaying long term loans
178. Which financial ratio measures the firm's ability to meet its long-term obligations?
(A) Liquidity Ratio (B) Leverage Ratio
(C) Efficiency Ratio (D) Profitability Ratio
179. The decision on how much of the profits should be retained in the business and how much to distribute to shareholders is known as:
(A) Investment decision (B) Financing decision
(C) Dividend decision (D) Liquidity decision

180. Net Present Value (NPV) and Internal Rate of Return (IRR) are techniques used in:
 (A) Capital Budgeting (B) Working Capital Management
 (C) Dividend Policy (D) Capital Structure
181. An investment project has a positive NPV. What can we say about the project's IRR compared to the cost of capital?
 (A) The IRR is greater than the cost of capital
 (B) The IRR is less than the cost of capital
 (C) The IRR is equal to the cost of capital
 (D) The IRR and cost of capital have no relationship
182. Bank of India paid a sum of Rs. _____ to Government of India as dividend for _____
 (A) 685 Crores, FY 2022 (B) 668 Crores, FY 2023
 (C) 690 Crores, FY 2021 (D) None of the above
183. A company's Beta is 1.2, the risk-free rate is 2%, and the market return is 8%. Using the CAPM model, what is the expected return on the company's stock?
 (A) 7.2% (B) 9.2%
 (C) 10.2% (D) 7.6%
184. _____ started a programme named _____ to provide working capital to MSMEs.
 (A) Reliance, e-Kuber (B) Adani, e-Lakshmi
 (C) Tata Steel, Urja (D) Mahindra and Mahindra, Ujjwala
185. Higher Degree of Operating Leverage of a firm is an indication of
 (A) High fluctuation in EBIT with small change in sales
 (B) High fluctuation in EBIT with large change in sales
 (C) No change in EBIT for any change in sales
 (D) None of the above
186. According to the Trade-off Theory of Capital Structure:
 (A) Firms have no optimal debt ratio
 (B) Firms have an optimal debt ratio which is determined by a trade-off between tax benefits and bankruptcy costs
 (C) Firms prefer equity financing over debt financing
 (D) Firms prefer internal financing over external financing
187. In a scenario where the firm's Return on Invested Capital (ROIC) is higher than its Weighted Average Cost of Capital (WACC), it would result in:
 (A) A decrease in the value of the firm (B) An increase in the value of the firm
 (C) No change in the value of the firm (D) Depends on the market conditions
188. A firm has decided to pay out dividends to its shareholders. This could potentially imply all of the following, EXCEPT:
 (A) The firm is generating a healthy cash flow
 (B) The firm does not have many profitable investment opportunities
 (C) The firm wants to attract income-focused investors
 (D) The firm wants to reinvest more in its own business

189. What term refers to the actions taken by an organization to maintain a satisfactory working relationship between management and employees to reduce the possibility of industrial disputes?
 (A) Organizational Management (B) Personnel Management
 (C) Industrial Relations (D) Corporate Management
190. Under the _____ both internal and external corporate governance mechanisms are intended to induce managerial actions that maximize profit and shareholder value?
 (A) Shareholder theory (B) Agency theory
 (C) Profit maximization theory (D) None of the above
191. According to Agro Business Policy 2016, the government of Gujarat provides capital investment subsidy for agro and food processing units upto _____ of eligible project cost subject to a maximum of Rs. 50 lakhs for setting up / expansion and diversification / modernisation
 (A) 10% (B) 18%
 (C) 25 % (D) None of the above
192. What is the strategic role of Human Resources Management in an organization?
 (A) To make the daily routine decisions
 (B) To decide the company's marketing strategy
 (C) To ensure compliance with financial regulations
 (D) To align HR policies and practices with organizational goals
193. According to The 'Factories Act, 1948' a factory means
 (A) any premises where ten or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power
 (B) where twenty or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power,
 (C) Both (A) and (B)
 (D) Neither is true. The definition of factory has been made more fluid looking at industry 4.0 and industry 5.0
194. SHRAMEVA JAYATE is initiative of Government of India to _____
 (A) Enhance harmony among workers
 (B) Provide financial support to workers in need
 (C) Provide skill development to workers
 (D) No such initiative has been taken by government of India
195. The concept of 'Triple Bottom Line' (TBL) in corporate governance is _____ and is related to _____
 (A) Profit, People, Planet; sustainable development
 (B) Profit, Process, Product; sustainable development
 (C) People, Product, Process; Corporate Social Responsibility
 (D) People, Planet, Process; Corporate Social Responsibility
196. The International Labour Organization (ILO) primarily functions to:
 (A) Set international labor standards (B) Resolve labor disputes in member countries
 (C) Regulate international trade (D) Promote employment opportunities globally

197. The _____ report refers to Integrated Industrial Parks as self-contained island providing high-quality infrastructural facilities
- (A) Swaminathan committee (B) Rangarajan Committee
(C) Mr. K. V. Kamath Committee (D) Dr. Rakesh Mohan Committee
198. HRM is increasingly becoming a strategic function. What does this mean?
- (A) HRM is focused on hiring, training, and retaining employees
(B) HRM is responsible for maintaining compliance with labor laws
(C) HRM is involved in setting the organization's strategic direction and aligning HR policies and practices accordingly
(D) HRM is focused on maintaining the performance management system
199. The core idea behind the 'best fit' approach in strategic HRM is:
- (A) HR strategy should fit with the external business environment
(B) HR strategy should fit with the internal resources of the firm
(C) HR strategy should fit with the firm's competitive strategy
(D) All of the above
200. A company's talent management strategy is designed to:
- (A) Identify key roles, develop a talent pool and facilitate succession planning
(B) Ensure compliance with labor laws and regulations
(C) Manage the performance appraisal system
(D) Oversee the recruitment and selection process
201. Which of the following is NOT a characteristic of an entrepreneur?
- (A) Risk-taking (B) Innovative
(C) High need for achievement (D) Prefers being a follower
202. _____ is someone who starts and runs businesses over and over again, constantly looking for the next big opportunity
- (A) Serial entrepreneur (B) Sequential entrepreneur
(C) Recurrent entrepreneur (D) None of the above
203. Which of the following best describes the term 'bootstrapping' in entrepreneurship?
- (A) Raising venture capital
(B) Funding a start-up through personal savings and operating revenue
(C) Taking a large amount of bank loans
(D) Selling equity shares of the business
204. What is the role of entrepreneurship in economic development?
- (A) Entrepreneurship does not play a significant role in economic development
(B) Entrepreneurship creates jobs and promotes innovation, contributing to economic growth
(C) Entrepreneurship plays a role only in developed economies
(D) Entrepreneurship plays a role only in developing economies
205. The 'Lean Startup' methodology advocates:
- (A) Starting a business with as much capital as possible
(B) Increasing the size of the team as quickly as possible
(C) Building a minimal viable product and iterating based on customer feedback
(D) Spending a lot of money on marketing and advertising at the early stages

206. In entrepreneurship, the term 'pivot' means:
- (A) To physically move the location of the business
 - (B) To significantly change the business strategy or model based on learnings from the market**
 - (C) To maintain the status quo despite changes in the market
 - (D) To increase the size of the business exponentially
207. Which of the following entrepreneurial traits refers to the ability to recover quickly from difficulties; toughness?
- (A) Opportunism
 - (B) Visionary
 - (C) Resilience**
 - (D) Adaptability
208. In the context of entrepreneurship, a 'unicorn' is:
- (A) A mythical creature
 - (B) A start-up company valued at over \$1 billion**
 - (C) A successful female entrepreneur
 - (D) A business idea that is unique and has no competition
209. The primary difference between an 'entrepreneur' and an 'intrapreneur' is:
- (A) An entrepreneur starts a new business, while an intrapreneur works on new ventures within an existing organization**
 - (B) An entrepreneur works within an existing organization, while an intrapreneur starts a new business
 - (C) There is no difference between an entrepreneur and an intrapreneur
 - (D) An entrepreneur works on non-profit ventures, while an intrapreneur works on profit-making ventures
210. Which of the following is NOT a part of the entrepreneurial environment?
- (A) Political Environment
 - (B) Social Environment
 - (C) Competitive Environment
 - (D) Cosmic Environment**
211. "One Village One Product" scheme in India was announced in
- (A) Union Budget 2018
 - (B) Gujarat Cottage and Rural Industries Policy 2016**
 - (C) MSME Development Act 2006
 - (D) Gujarat Industrial Policy 2020
212. In the context of entrepreneurship, the 'Blue Ocean Strategy' involves:
- (A) Copying successful strategies from existing competitors
 - (B) Creating a new market space where there is very less competition**
 - (C) Focusing solely on existing competition and how to outperform them
 - (D) Building a business strategy around the concept of water conservation
213. Which Indian institution provides support for entrepreneurship at the national level?
- (A) Small Scale Industries Board (SSIB)
 - (B) National Small Industries Corporation (NSIC)
 - (C) National Institute for Entrepreneurship and Small Business Development (NIESBUD)
 - (D) All of the above**

214. What is the primary objective of the Industrial Policy of India?
 (A) To increase exports
 (B) To promote the establishment and growth of industries
 (C) To encourage entrepreneurship
 (D) To promote agriculture
215. Which of the following is NOT a type of fiscal incentive provided by the Indian government to entrepreneurs?
 (A) Sales Tax Exemption (B) Subsidy on power units consumed
 (C) Capital Investment Subsidy (D) Increase in Import Duty
216. Who from the below mentioned list is not a major contributor in the development of Control Charts and Samplin plan
 (A) F. H. Dodge (B) H. G. Roming
 (C) Walter Schewhart (D) J. M. Juran
217. Section 7 of MSMED Act 2006 provides for systematic classification of industrial units on the basis of
 (A) Investment in equipment, plant and machinery
 (B) Activities undertaken
 (C) Both (A) and (B) above
 (D) None of the above
218. When the supply of money increases and the demand of money reduces there will be
 (A) A fall in the level of prices (B) A decrease in the rate of interest
 (C) An increase in the rate of interest (D) None of the above
219. The 'Mudra Bank' in India was established to:
 (A) Provide microfinance services to the poor
 (B) Provide microfinance services to SC and ST only
 (C) Provide loans to large industrial enterprises
 (D) None of the above
220. Under Credit Guarantee Trust Fund for Micro and Small Enterprises the extent of guarantee cover is 85% for micro enterprises for credit upto Rs. _____
 (A) 10 Lakhs (B) 8 Lakhs
 (C) 6 Lakhs (D) None of the above
221. Under Credit Linked Capital Subsidy Scheme, credit support is provided for:
 (A) Upgrading Technology (B) Increasing Production
 (C) Extending Distribution (D) None of the above
222. The MUDRA card is a _____ issued to the Micro entrepreneurs who have availed the loan from the Bank under Prdhan Mantri Mudra Yojana (PMMY)
 (A) Debit Card (B) Credit Card
 (C) Identity Card (D) None of the above

223. In relation to women's role in trade and commerce WICCI stands for _____?
- (A) Women Industrial Chamber of Commerce of India
(B) Women's Indian Chamber of Commerce and Industry
 (C) Women's Industrial Connect for Commerce and Industry
 (D) Women's Initiative for Chamber of Commerce and Industry
224. In respect to Livelihood Business Incubator centres to be set up by NSIC, KVIC or Coir Board or any other Institution/agency of GOI/State Govt. on its own or by any of the agency/organization of the M/o MSME, one-time grant of _____% of cost of Plant & Machinery other than the land and infrastructure or an amount up to Rs. _____ lakh, whichever is less to be provided
- (A) 100%; 100 (B) 75%; 75
 (C) 50%; 50 (D) None of the above
225. According to the MSMED Act of 2006, what is the maximum investment limit for a micro enterprise in the manufacturing sector?
- (A) Rs. 10 lakh **(B) Rs. 25 lakh**
 (C) Rs. 50 lakh (D) 1 crore
226. In 2012 SIDBI implemented _____ programme funded by UKAID through Department for International Development (DFID), UK
- (A) CGTMSE (B) ISARC
(C) PSIG (D) None of the above
227. Beta (β) is a measure of
- (A) Systematic Risk** (B) Unsystematic Risk
 (C) Total Risk (D) None of the above
228. The ratio of the percentage increase in Earnings Per Share (EPS) to the percentage increase in Earnings Before Interest and Taxes (EBIT) is called
- (A) Operating Leverage (B) Combined Leverage
(C) Financial Leverage (D) None of the above
229. The YTM of a bond implies
- (A) The rate of interest which is printed on the face value of a bond
 (B) The rate of interest which a purchaser of bond starts getting when he purchases a bond in the market.
(C) The rate of return which a purchaser of bond gets if he holds the bond till its redemption
 (D) None of the above
230. When interest rates fall, a bank that perfectly hedges its portfolio of Treasury securities in the futures market
- (A) Suffers a loss (B) Experiences a gain
(C) Experiences no change in its income (D) None of the above
231. When Futures price is greater than Spot Price investors / arbitrageurs in order to make profit will take
- (A) Long Position in Spot and Short position in Futures**
 (B) Long position in Futures and Short position in Spot
 (C) Wait till spot price becomes greater than futures price
 (D) None of the above

232. An investor takes a long position on Interest rate Futures when he anticipates that interest rates will
- (A) Rise (B) Fall
(C) Remain Stable (D) None of the above
233. What is the main role of the District Industries Centre (DIC) in promoting Small Scale Industries (SSIs)?
- (A) Providing sales and marketing support
(B) Offering managerial and technical consultancy
(C) Preparing feasibility reports
(D) All of the above
234. In the context of small business, 'Cluster Development' refers to:
- (A) The development of a group of businesses producing similar products or services in a particular geographic area
(B) Developing of businesses in rural areas only
(C) The development of businesses across different industry sectors
(D) The development of a group of businesses producing diverse products or services in different geographic areas
235. Assume you are holding Treasury securities and are short on futures to hedge against interest rate risk. If interest rates rise
- (A) the increase in the value of the securities equals the decrease in the value of the futures contracts.
(B) the decrease in the value of the securities equals the increase in the value of the futures contracts
(C) the increase in the value of the securities exceeds the decrease in the values of the futures contracts.
(D) None of the above
236. Which of the following brings out the Consumer Price Index Number for Industrial Workers?
- (A) The Reserve Bank of India
(B) The Department of Economic Affairs
(C) The Labour Bureau
(D) None of the above
237. Consider the following statements regarding National Productivity Council:
1. NPC is a national level organization to promote productivity culture in India
 2. NPC comes under the Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of MSE.
- Which of the given statement is /are correct?
- (A) Only 1 (B) Only 2
(C) Both 1 and 2 (D) None of the above

238. Trade Related Investment Measures (TRIMS) doesn't apply for
 (A) Measures that affect trade in goods
 (B) Measures that lead to restrictions on quantities
 (C) Discouraging measures that limit a company's imports
 (D) None of the above
239. Which of the following is the method of measuring National Income ?
 (A) Income Method (B) Product Method
 (C) Expenditure Method (D) All of the above
240. Why are the intermediate goods not included in the National Income while measuring National Income?
 (A) To avoid double accounting (B) To avoid effect of inflation
 (C) Intermediate goods are not good goods (D) All of the above
241. Which of the following fall under the ambit of Ministry of Commerce and Industry?
 (A) Special Economic Zones
 (B) Export Promotion Councils
 (C) Commercial Wings in the Indian Missions abroad
 (D) All of the above
242. The Geographical Indications Registry operates under the:
 (A) Ministry of Commerce & Industry
 (B) Ministry of Agriculture
 (C) Department of Industrial Policy and Promotion
 (D) Ministry of Home Affairs
243. _____ is a trust established by the _____ in 2003 with the objective of promoting and creating international awareness of the Made in India.
 (A) India Brand Equity Foundation ; Department of Commerce, Ministry of Commerce and Industry
 (B) Export Promotion Council ; Department of Commerce, Ministry of Commerce and Industry
 (C) Made in India Foundation ; Ministry of Finance
 (D) India Brand Equity Foundation ; Ministry of Finance
244. _____ is a dedicated e-market for different goods & services procured by Government Organisations / Departments / PSUs.
 (A) Government e Marketplace (GeM) (B) e-chaupal
 (C) e-vyavpar (D) None of the above.
245. The National Productivity Council (NPC) was established in the year :
 (A) 1958 (B) 1968
 (C) 1978 (D) None of the above
246. PM GatiShakti National Master Plan (PMGS-NMP) is a scheme of
 (A) Director General of Trade Remedies
 (B) Department for Promotion of Industry and Internal Trade
 (C) International Trade Policy Division
 (D) None of the above

247. CPGRAMS is an online platform available to the citizens 24x7 to lodge their grievances to the public authorities on subject related to
- (A) RTI (B) Subjudice matters
(C) Service Delivery (D) None of the above
248. _____ a Deemed to be University, was established in 1963, as an autonomous body under the Ministry of Commerce & Industry, Government of India.
- (A) Indian Institute of Plantation Management, Bengaluru
(B) Indian Institute of Foreign Trade, New Delhi
(C) Indian Industrial Institute of Management and Technology, Kolkata
(D) Indian Statistical Institute, Chennai
249. Under Gujarat Single Window Clearance Act, 2017 the State Government will appoint an Investor Facilitation Agency which shall be a cell and headed by
- (A) Chief Minister of Gujarat
(B) Minister of Industries and Mines, Government of Gujarat
(C) Principle Secretary, Minister of Industries and Mines, Government of Gujarat
(D) Industries Commissioner, Government of Gujarat
250. The Gujarat Industrial Policy 2020 proposes to make available Government land on long-term leases for industrial purposes. The period of such a lease is
- (A) 50 years (B) 05 years
(C) 20 years (D) 10 years
251. Which of the following is not listed as a Sunrise Sector under the Gujarat Industrial Policy 2020
- (A) Industry 4.0 manufacturing (B) Electric Vehicle and its components
(C) Waste management projects (D) Gems and Jewellery
252. With the advent of industrialization, cottage and village industries have witnessed a decline. Which of the following is not a direct threat to the growth of such industries?
- (A) Lack of easy access to credit (B) Highly Unorganized sector
(C) Change in climatic conditions (D) Inadequate raw material supply
253. The Gujarat Cottage & Rural Industries Policy 2016 identifies the concept of _____ which refers to a craft which has ceased to be practised any more or is practised by a few whose number is fast dwindling.
- (A) Enervated Crafts (B) Languishing Crafts
(C) Lethargic Crafts (D) None of the above
254. The handloom and handicrafts sector is a major source of supplementary income-generating activities for a large number of women in Gujarat. To promote this there is an award given by Gujarat Government for the best woman artisan which carries a reward of
- (A) Rs. 1.25 lakh. (B) Rs. 1.00 lakh.
(C) Rs. 0.50 lakh (D) Rs. 10.00 lakhs
255. In Gujarat, Kandla and Surat have SEZs. Which of the following is not a feature of such an SEZ
- (A) specifically delineated duty-free enclave
(B) deemed to be foreign territory for trade operations
(C) deemed to be foreign territory for duties and tariffs
(D) deemed to be a foreign territory for labour laws

256. The state of Gujarat passed an Act to make special provisions for securing the orderly establishment and organisation of industries in industrial areas and industrial estates in the State of Gujarat and to establish commercial centres in connection with the establishment and organisation of such industries. The Act is called
- (A) The Gujarat Industrial Development Act, 1962
 - (B) The Gujarat Industrial Infrastructure Development Act, 1962
 - (C) The Gujarat Commercial Development Act, 1962
 - (D) The Gujarat Development Act, 1962
257. The definition of MSME as mentioned in The Gujarat Micro, Small and Medium Enterprises (Facilitation of Establishment and Operation) Act, 2019 is in line as per which Central Government Law
- (A) The Micro, Small and Medium Enterprises Development (Amendment) Bill, 2015
 - (B) The Micro, Small and Medium Enterprises Development Act, 2006
 - (C) Industrial Disputes Act 1947
 - (D) Companies Act 2013
258. Consider the following statements regarding relation between marginal cost and average cost of lending, which one of the following statement is correct
- (A) Average cost of lending is higher than marginal cost of lending
 - (B) For the first borrowing, average cost of lending and marginal cost of lending are equal.
 - (C) Average cost of lending is lower than marginal cost of lending
 - (D) None of the above
259. When the Reserve Bank of India announces an increase in the cash reserve ratio, what does it mean?
- (A) The commercial banks will have less money to lend
 - (B) The commercial banks will have more money to lend
 - (C) The Central Government will have less money to spend
 - (D) None of the above
260. The Ministry of Textiles, Government of India to promote exports of all handloom products like fabrics, home furnishings, carpets, floor coverings, etc has created a nodal agency. This agency known as
- (A) Handloom Export Promotion Council (HEPC)
 - (B) Handloom Export Promotion Corporation (HEPC)
 - (C) Handloom Export Promotion Conclave (HEPC)
 - (D) State Handloom Export Promotion Council (SHEPC)
261. Which one of the following is not an instrument of selective credit control in India?
- (A) Regulation of consumer credit
 - (B) Rationing of credit
 - (C) Margin requirement
 - (D) None of the above

262. Re-order costs are the costs of making orders to purchase a quantity of a material item from a supplier. They include costs such as:
- (A) The cost of delivery of the purchased items, if these are paid for by the buyer
 - (B) The costs associated with placing an order, such as the costs of telephone calls
 - (C) Costs associated with checking the inventory are delivery from the supplier
 - (D) All of the above**
263. The problems arising due to conflict of interest among equity shareholders, debentures holders and management is:
- (A) Bankruptcy problems
 - (B) Public problems
 - (C) Agency problems**
 - (D) None of the above
264. Outlay for PM Awas Yojana has being enhanced by _____ to over Rs. _____ Crore in the Union budget 23-24
- (A) 66% ; 79,000**
 - (B) 50% ; 70,000
 - (C) 60% ; 69000
 - (D) None of the above
265. As per Union Budget 2023-24, 10000 _____ will be set-up thereby creating a national-level distributed micro-fertilizer and pesticide manufacturing network.
- (A) Bio-Input Resource Centres**
 - (B) Fertilizer-Input Resource Centres
 - (C) Pesticides-Input Resource Centres
 - (D) None of above
266. What is the validity period of a BIS certification?
- (A) 1 year
 - (B) 2 years**
 - (C) 3 years
 - (D) 5 years
267. Can a foreign manufacturer apply for BIS certification for their products to be sold in India?
- (A) Yes, through the Foreign Manufacturers Certification Scheme**
 - (B) No, BIS certification is only for Indian manufacturers
 - (C) Yes, but only for certain product categories
 - (D) No, but they can apply for a different quality standard
268. As per the provisions of Union Budget 2023-24 Revamped credit guarantee scheme for MSMEs to take effect from 1st April 2023 through infusion of Rs 9,000 crore in the corpus. This scheme would enable additional collateral-free guaranteed credit of _____ crore and also reduce the cost of the credit by about _____.
- (A) Rs. 3 Lakhs ; 2 per cent
 - (B) Rs. 2 Lakhs ; 1 per cent**
 - (C) Rs. 4 Lakhs ; 1.5 per cent
 - (D) None of the above
269. Under the provisions of _____, 500 new 'waste to wealth' plants under GOBARdhan scheme will be established for promoting circular economy at total investment of Rs 10,000 crore.
- (A) Gujarat State Budget 2023-24
 - (B) Union Budget 2023-24**
 - (C) Smart City Project 2023-34
 - (D) None of the above
270. iGOT Karmayogi, an integrated online training platform, launched to provide continuous learning opportunities for lakhs of _____ to upgrade their skills and facilitate people-centric approach.
- (A) Private Sector Employees
 - (B) Unorganized Sector Employees
 - (C) Unemployed Fresh Undergraduates
 - (D) Government Employees**

271. National Data Governance Framework Policy 2023 is published by
 (A) Ministry of Science and Technology, Government of India
 (B) Ministry of Defence, Government of India
 (C) Ministry of Electronics and Information Technology, Government of India
 (D) Ministry of Home Affairs, Government of India
272. The Atal Tinkering Labs (ATL) were created by government with a purpose to....
 (A) provide a learning spaces for school students with the aim to inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing etc..
 (B) develop advanced AI based tools for indigenous weapons.
 (C) to create technologies and products in 24 identified sectors by providing grants up to Rs 1 crore to support innovation and scalability.
 (D) to invite industry leaders to guide and mentor college students in the fields of technical expertise, innovation and design, inspiration or entrepreneurial in nature
273. Venture capital financing is a form of:
 (A) Debt financing (B) Private Equity financing
 (C) Asset-based financing (D) Structured financing
274. Union Budget 2023-24 proposed setting up of a _____ to serve as the central repository of financial and ancillary information for facilitating efficient flow of credit, promoting financial inclusion, and fostering financial stability.
 (A) National Financial and Ancillary Information Registry
 (B) National Registry for Financial Transactions
 (C) National Financial Information Registry
 (D) None of the above
275. The rate of financial assistance under the scheme Extension of Financial Assistance to Coir units in the Brown Fibre sector is _____ of the cost of equipment and infrastructural facilities subject to certain ceiling limits based on the type of unit.
 (A) 25% (B) 30%
 (C) 35% (D) None of the above
276. In the context of start-up finance, what does the term “Angel Investor” mean?
 (A) A private individual or group of individuals who invest in start-ups in exchange for equity
 (B) A financial institution that lends money to start-ups
 (C) A government entity that provides grants to start-ups
 (D) A multinational corporation that invests in global start-ups
277. Mezzanine financing is a hybrid of:
 (A) Debt and equity financing (B) Angel and venture capital financing
 (C) Bootstrapping and debt financing (D) Crowdfunding and equity financing
278. What is the primary feature of deep discount bonds?
 (A) It does not involve any interest payment (B) It is issued for perpetual period of time
 (C) It is a form of short-term financing (D) None of the above

279. What is the main difference between venture capitalists and angel investors?
 (A) Angel investors are always individuals while venture capitalists are institutional investors
 (B) Venture capitalists always invest in tech start-ups while angel investors do not
 (C) Angel investors offer loans while venture capitalists offer grants
 (D) None of the above
280. In a startup, 'sweat equity' is referred to:
 (A) Equity given for Non-cash contribution of a person to a business venture
 (B) Equity shares given to investors for their monetary contribution
 (C) The actual value of physical assets of the company
 (D) The money invested by founders in the company
281. In the context of startup financing, what does 'Down Round' refer to?
 (A) A round of financing where investors purchase equity shares at a lower price than the previous investors
 (B) A round of financing where investors purchase equity shares at a higher price than the previous investors
 (C) A round of financing where only institutional investors participate
 (D) A round of financing where only angel investors participate
282. If a startup chooses to raise funds through a 'Series A' round, it is likely to be in which stage of its life cycle?
 (A) Ideation stage (B) Development phase
 (C) Maturity stage (D) Exit stage
283. Consider the following statement with respect to antimicrobial resistance:
 1. India is a member of Global Antimicrobial Resistance Surveillance System (GLASS) launched by WHO.
 2. Genetic predisposition of some people also may cause antimicrobial resistance.
 3. Kerala is the first state to develop an action plan to manage antimicrobial resistance.
 (A) Only 1 (B) Only 2
 (C) Only 3 (D) All 1, 2 and 3 above
284. Torre faction technology is related with which of the following?
 (A) Production of Bio-Coal
 (B) Extraction of Crude Oil
 (C) A technique of building bridges on big rivers
 (D) All of the above
285. Claytronics, an evolving concept, is related to which of the following
 (A) Quantum computing (B) Manufacturing of semi-conductors
 (C) Water Testing (D) None of the above
286. The Chapter II, _____ of the MSMED Act-2006 provides for establishment of National Board for Micro, Small & Medium Enterprises (NBMSME) and its functions etc.
 (A) Section 3 to Section 6 (B) Company Description
 (C) Market Analysis (D) Marketing and Sales

287. National Board for Micro, Small & Medium Enterprises (NBMSME) consists of 47 members of which _____ are Ex-officio members and _____ members tenure is for two years from the date of notification
 (A) 18; 29 (B) 20; 27
 (C) 22; 25 (D) None of the above
288. According to Market Promotion & Development Scheme (MPDA) of Ministry of Micro, Small and Medium Industries, Government of India, Modified MDA (MMDA) shall be allowed @ _____ on the Prime cost of Khadi (cotton, silk, woollen) and Polyvastra
 (A) 20% (B) 25%
 (C) 30% (D) None of the above
289. Micro & Small Enterprises who have already commenced their commercial production but not completed _____ of existence are eligible for Single Point Registration Scheme of Ministry of Micro Small & Medium Enterprises, GoI
 (A) 4 years (B) 3 years
 (C) 2 years (D) None of the above
290. According to Gujarat Micro, Small and Medium Enterprises (Facilitation of Establishment and Operation) Act, 2019 an MSME in Gujarat can now start operation upon receipt of an acknowledgement certificate from the state nodal agency by submitting the _____.
 (A) Declaration of Interest (B) Declaration of Intent
 (C) Declaration of Purpose (D) None of the above
291. What does the financial projections part of a business plan typically include?
 (A) Forecasted income statements, balance sheets, and cash flow statements
 (B) An overview of the business plan's key points
 (C) The marketing and sales strategy
 (D) The organizational structure of the business
292. Which part of the business plan typically outlines the expected activities, milestones, and deadlines related to the company's products and services?
 (A) Executive Summary (B) Marketing and Sales
 (C) Market Analysis (D) None of the above
293. SIET stands for:
 (A) Small Industries Extension & Training Enterprise
 (B) Small Investment Extension & Training Enterprise
 (C) Small Industries Extension & Training Institute
 (D) None of the above
294. The eligibility criteria for an incubator to apply in the Startup India Seed Fund scheme is that an incubator must be a legal entity:
 (A) A society registered under the Societies Registration Act 1860,
 (B) A Trust registered under the Indian Trusts Act 1882,
 (C) A Private Limited company registered under the Companies Act 1956 or the Companies Act 2013
 (D) Any of the above

295. The customer acquisition strategy is usually part of which section in the business plan?
(A) The Company Description section
(B) The Organization and Management section
(C) The Marketing and Sales section
(D) The Market Analysis section
296. Under Startup India Seed Fund scheme if the Incubator has not utilized at least 50% of the total commitment within the first _____ years, then the Incubator will not be eligible for any further drawdowns.
(A) 2 (B) 3
(C) 4 (D) None of the above
297. In the new industrial developments, what does the word 'cobot' refers to?
(A) AI enabled new age computer (B) an alternative to robot
(C) Collaborative Robots (D) creative robots
298. What does GPT in ChatGPT stands for -
(A) Generative and Predictive Tools
(B) Generation and Prediction based on Technology
(C) Generative Pre-Trained Transformer
(D) Generative Predictive Models of Technology
299. The advanced generative AI based tools can perform which of the following tasks?
(A) Generate text in response to user's input
(B) Generate music in response to user's input
(C) Generate images in response to user's input
(D) All of the above
300. What is Industry 5.0 primarily concerned with?
(A) Greater automation through robotics
(B) The establishment of mass production lines
(C) Personalized, tailored production, and enhanced human-machine collaboration
(D) The development of steam-powered machinery