

BMC Sanitary Sub Inspector (BMC/202122/9) Question Paper
(26-09-2021) Series D

1. The acronym 'PASS' stands for _____.
(A) Ponder, Assess, stand, scream
(B) Push, aim, sweep, swift
(C) Pull, aim, squeeze, sweep
(D) None of the above
2. The placenta is disposed of in a _____ color bag.
(A) Blue
(B) Yellow
(C) Red
(D) Black
3. The first vaccine was developed by _____.
(A) Louis Pasteur
(B) Edward Jenner
(C) Carl Landsteiner
(D) Joseph Miester
4. Acid rain is formed due to contribution from the following pair of gases _____.
(A) Methane and Sulphur dioxide
(B) Methane and Ozone
(C) Carbon dioxide and Sulphur dioxide
(D) Oxygen and Nitrous oxide
5. Which of the following is Not the example of a live attenuated vaccine ?
(A) Tetanus vaccine
(B) MMR vaccine
(C) Varicella (chickenpox) vaccine
(D) Influenza vaccine
6. According to the Geological survey, water with less than 1000 ml/litre of total dissolved solids _____.
(A) Brine water
(B) Freshwater
(C) Slightly saline
(D) Moderately saline
7. The first case of novel corona virus was identified in _____.
(A) Tianjin
(B) Shanghai
(C) Wuhan
(D) Beijing
8. Retinol is the other name of _____.
(A) Vitamin A
(B) Vitamin B
(C) Vitamin C
(D) Vitamin E

[9-D-2]

9. When giving care for external bleeding, what should you do first ?
- (A) Elevate the injury (B) Apply a tourniquet
(C) Apply a loose dressing. (D) Apply direct pressure.
10. To effectively fight a fire with portable fire extinguisher :
- (A) Use the 'PASS' method
(B) Follow 'PSST' guidelines
(C) Operate the equipment with 'SAVE' in mind
(D) None of the above
11. Vaccines should be _____.
- (A) Stored in bottom drawers of refrigerator (B) Protected from light during storage
(C) Packed tightly in refrigerator (D) taken out of their original packet
12. If the lens in eye becomes opaque, the disease is called _____.
- (A) Cataract (B) Myopia
(C) Glaucoma (D) Night blindness
13. Elastic bandages are used...
- (A) To control bleeding
(B) To allow circulation to a severed limb.
(C) Control swelling and support injuries such as sprains or strains.
(D) When applying a splint.
14. The number of doses of polio vaccine required to ensure long term protection throughout adulthood is _____.
- (A) 3 (B) 4
(C) 5 (D) 7

[9-D-3]

15. Why should you cover burns with a clean or sterile dressing ?

- (A) To cool burned area. (B) To prevent infection.
(C) To keep the burned area warm. (D) Both b and c

16. Which of the following techniques is used for reducing the total dissolved solids (TDS) in the water ?

- (A) Osmosis (B) Ion exchange
(C) Distillation (D) Both B and C

17. Which is the first step in handling the biomedical waste ?

- (A) Transportation (B) Segregation
(C) Treatment (D) Discarding

18. Wastewater released by houses is called _____.

- (A) Sewage (B) Sludge
(C) Both of them (D) None

19. Snakebites can be very serious. When caring for a snakebite victim, which should you not do?

- (A) Apply ice.
(B) Wash wounds.
(C) Get professional medical care within 30 minutes.
(D) Keep bitten part still and below the heart. E

20. Global warming is due to _____.

- (A) Ozone depletion (B) Photochemical smog
(C) Greenhouse effect (D) Acid rain

21. SARS is caused by the infection with which type of virus ?

- (A) Aphthovirus (B) Coronavirus
(C) Helper virus (D) Borna virus

[9-D-4]



22. What happens to liquid wastewater in a septic tank ?
- (A) it evaporates through holes in the top of the septic tank
 - (B) it is converted to sludge over time
 - (C) it flows through pipes in the septic tank to the drain field
 - (D) it drains through the bottom of the septic tank
23. World environment day is celebrated on _____.
- (A) 1 December
 - (B) 5 June ✓
 - (C) 14 November
 - (D) 15 August
24. One of the occupational health hazards commonly faced by the workers of ceramics, pottery and glass industry is _____.
- (A) stone formation in gall bladder
 - (B) melanoma ✓
 - (C) silicosis
 - (D) stone formation in kidney
25. All the nutritional disorders associated with over nutrition except _____.
- (A) Hypervitaminosis
 - (B) Obesity ✓
 - (C) Fluorosis
 - (D) Osteomalacia
26. Widal test is done for _____.
- (A) Diphtheria
 - (B) Typhoid
 - (C) Dengue ✓
 - (D) Tuberculosis
27. AIDS, common cold, dengue fever and influenza are examples of _____.
- (A) Deficiency Disease
 - (B) Infectious diseases ✓
 - (C) Physiological Diseases
 - (D) Non-infectious diseases
28. Pyridoxine is which vitamin ?
- (A) Vitamin B2
 - (B) Vitamin B6
 - (C) Vitamin B4 ✓
 - (D) Vitamin B12

[9-D-5]

29. Which of the following salts is the main cause of permanent hardness of water ?

- (A) Magnesium sulphate (B) Magnesium bicarbonate
(C) Magnesium carbonate (D) None of the above

30. Ringworm is a _____ disease.

- (A) Bacterial (B) Protozoan
(C) Viral (D) Fungal

31. Which vitamin is needed for healthy eyesights ?

- (A) Vitamin E (B) Vitamin K
(C) Vitamin A (D) Vitamin D

32. If given in the same limb as another vaccine, the second vaccine should be separated by at least _____.

- (A) 1 cm (B) 1.5 cm
(C) 2.5 cm (D) 2 cm

33. The plastic cover of the foleys catheter of a HbsAg positive patient is disposed of in a _____ bag.

- (A) Yellow (B) Red
(C) Blue (D) Black

34. B.O.D. test or biological oxygen demand test is made for measuring _____.

- (A) Air pollution (B) Soil pollution
(C) Noise pollution (D) Water pollution

35. When an extinguishing agent covers and cools the fire source, the fire loses its :

- (A) Fuel (B) Oxygen
(C) Heat (D) All of the above.

36. Which helmets provides electrical protection from high voltage conductors ?

- (A) Class A helmets (B) Class B helmets
(C) Class C helmets (D) Class D helmets

[9-D-6]

37. How many categories are there in biomedical waste ?

- (A) 10 (B) 5
(C) 2 (D) 8

38. The most common characteristic symptom of cholera is _____.

- (A) High fever (B) Watery diarrhea
(C) Headache (D) Persistent cough

39. The condition of inflammation and cracking of skin at the corners of mouth is _____.

- (A) Pellagra (B) Cheilosis
(C) Scurvy (D) Rickets

40. Mild Symptoms of Novel corona virus are :

- (A) Fever (B) Cough
(C) Shortness of breath (D) All the above ✓

41. Which vaccination should be given to workers who deal with biomedical waste ?

- (A) HbsAg (B) tetanus
(C) rabies (D) both A and B ✓

42. In case of arc welding, one should protect his eyes using.

- (A) Dark screen glasses (B) Mask ✓
(C) Safety goggles (D) Sun glasses

43. Which of the following is fat soluble vitamin and its related deficiency disease ?

- (A) Retinol - Xerophthalmia (B) Cobolamine - Beriberi ✓
(C) Calciferol - Pellagra (D) Abscorbic acid - Scurvy

44. Cholera is caused through _____.

- (A) Through contaminated water
(B) Through the cough droplets from the infected person
(C) Bite of female culex mosquito
(D) None of the above

[9-D-7]

45. When was the biomedical waste management rules came into force by central government ?

- (A) 1998 (B) 1986
(C) 1999 (D) 2000

46. Koplik spot is the diagnostic sign of _____.

- (A) Mumps (B) Psoriasis
(C) Measles (D) Chickenpox

47. Maintaining the cold chain ensures that vaccines are stored according to the manufacturer's instructions at _____.

- (A) 0 - 4 degree celsius (B) 4 - 8 degree celsius
(C) 2 - 8 degree celsius (D) 2-10 degree celsius

48. The only thing that can keep you safe consistently is _____.

- (A) Personal protective equipments (B) Your supervisor
(C) Obeying all warning signs (D) Safety attitude

49. Which of the following rays have the highest penetrating capacity ?

- (A) Alpha (B) Beta
(C) X (D) Gamma

50. Active immunity may be gained by _____.

- (A) natural infection (B) vaccines
(C) toxoids (D) all of the above.

51. કુદરતી ગેસ મેથેનવા પેટ્રોનેટ એલ.એન.જી. લિ. દ્વારા ગુજરાતમાં ક્યાં સૌ પ્રથમ ટર્મીનલ પ્રસ્થાપિત કરવામાં આવ્યું ?

- (A) પીપાવાવ - (B) હજીરા
(C) મુંદ્રા (D) દહેજ

[9-D-8]

52. નીચેનામાંથી કયો અલંકાર શબ્દાલંકાર નથી ?

- (A) વર્ણાનુપ્રાસ (B) અનન્વય -
(C) શબ્દાનુપ્રાસ (D) આંતરપ્રાસ

53. ભારતમાં સૌથી મોટો જિલ્લો વિસ્તારની દૃષ્ટિએ કયો છે ?

- (A) નાગપુર (B) પુના
(C) કચ્છ - (D) લખનૌ

54. નીચેનામાંથી કયું સુસંગત નથી ?

- (A) ઉદક (B) પાદપ
(C) વારિ (D) અંબુ -

55. સિક્કીમ રાજ્યની વસ્તી આશરે કેટલી છે ?

- (A) 6.2 લાખ (B) 11.3 લાખ
(C) 12.1 લાખ (D) 4.2 લાખ -

56. નીચેનામાંથી કયો દ્વંદ્વ સમાસ છે ?

- (A) દિવસરાત (B) સ્નેહપૂર્ણ
(C) મિત્રભાવ (D) ફૂલહાર -

57. પ્રથમ પંચવર્ષીય યોજના ભારત સરકાર દ્વારા કયા વર્ષમાં શરૂ કરવામાં આવી ?

- (A) 1951 - (B) 1950
(C) 1949 (D) 1948

58. વિખ્ખલડન જીતનાર પ્રથમ અશ્વેત ખેલાડી કોણ હતો ?

- (A) આર્થર એશ (B) નાઓમી ઓસાકા /
(C) સ્લોઆન સ્ટીરેન્સ (D) કોકો ગોફ

59. નીચેનામાંથી કયા છંદમાં 17 અક્ષરમેળ હોય છે ?

- (A) શિખરિણી - (B) મનહર
(C) અનુષ્ટુપ (D) માલિની

60. નીચેનામાંથી કઈ ભાવવાચક સંજ્ઞા નથી ?

(A) સફેદી

(B) કારીગરી

(C) ચોરી

(D) ફોજ

61. ભારતમાં સર્વ પ્રથમ બેંક માટેના ATM કઈ બેંક દ્વારા શરૂ કરવામાં આવ્યું ?

(A) સ્ટેટ બેંક ઓફ ઇન્ડિયા ✓

(B) સિટી બેંક

(C) એચએસબીસી બેંક

(D) સ્ટાન્ડર્ડ ચાર્ટર્ડ બેંક

62. "અથ" નો વિરોધી શબ્દ કયો છે ?

(A) ઇતી

(B) ઇતિ ✓

(C) ઇત

(D) ઇસ

63. બોર્ડર સિક્યોરિટી ફોર્સની સ્થાપના કયા વર્ષમાં કરવામાં આવી ?

(A) 1962 ✓

(B) 1971

(C) 1965

(D) 1979

64. નીચેનામાંથી કયું વિશેષણ ક્રમિક સંખ્યાવાચક છે ?

(A) એક

(B) બે

(C) આઠમું ✓

(D) પાંત્રીસ

65. પ્રખ્યાત સમાચાર સંસ્થા 'રોઇટર' કઈ જગ્યાએ શરૂ થઈ હતી ?

(A) વોશિંગ્ટન

(B) લંડન

(C) પેરિસ

(D) ન્યુયોર્ક ✓

66. ગુણ + ઓધ =

(A) ગુણૌધ

(B) ગુણેધ ✓

(C) ગૂણૌધ

(D) ગૂણેધ

67. રમેશને રજા પડી એટલે ઘરની આવશે - વાક્યનો પ્રકાર જણાવો.

(A) સંયુક્ત ✓

(B) સાદું

(C) સંકુલ

(D) નિષેધ

68. રોકી પર્વતમાળા ક્યાં આવેલી છે ?
- (A) રશિયા (B) ઉત્તર અમેરિકા
(C) દક્ષિણ અમેરિકા (D) આફ્રિકા
69. નીચેનામાંથી કયું વિશેષણ વિકારી છે ?
- (A) ઝીણું (B) અજબ
(C) રેશમી (D) ચોગ્ય
70. મન હાહાકાર ઊઠવું - એટલે શું ?
- (A) ખૂબ જ ઉદ્વેગ થવો (B) ખૂબ જ ઉપાધિમાં મૂકાઈ જવું
(C) ઝંખવાણું પડવું (D) ગમગીન થવું
71. પ્રવર્તમાન ચીફ ઓફ નેવલ સ્ટાફ કોણ છે ?
- (A) એડમીરલ નિર્મલ વર્મા (B) એડમીરલ સુનિલ લાંબા
(C) એડમીરલ કરમબીર સિંઘ (D) એડમીરલ રોબીન ધોવન
72. નાઇલ નદીની લંબાઈ આશરે કેટલી છે ?
- (A) 6650 કિ.મી. (B) 7650 કિ.મી.
(C) 8650 કિ.મી. (D) 5650 કિ.મી.
73. નીચેનામાંથી કયું સુસંગત નથી ?
- (A) ભુમ (B) બાહુ
(C) પાણિ (D) પટ્ટ
74. ગુજરાત રાજ્યમાં આશરે કેટલા વિસ્તારમાં (ટકાવારી) જંગલો આવેલા છે ?
- (A) 5.20% (B) 10.20%
(C) 9.20% (D) 11.20%
75. નીચેનામાંથી કયા વિદ્વાને London School of Economics ના ડાયરેક્ટર તરીકે સેવા આપેલ છે ?
- (A) રઘુરામ રાજન (B) ઇન્દ્રપ્રસાદ પટેલ
(C) જગદીશ ભગવતી (D) આમર્ત્ય સેન

76. બંધારણના કયા અનુચ્છેદ મુજબ સૌથી મોટા પક્ષના વડાને રાષ્ટ્રપતિ સરકાર રચવા આમંત્રણ આપે છે ?

- (A) 14 (B) 75
(C) 76 (D) 12

77. 'વુલર' તળાવ ક્યાં આવેલું છે ?

- (A) જમ્મુ અને કાશ્મીર (B) આસામ
(C) મિઝોરમ (D) મેઘાલય

78. નીચેનામાંથી કઈ જોડણી ખરી નથી ?

- (A) રિક્ષા (B) ચિકી
(C) કીલ્લો (D) સિન્ધુ

79. ક્ષ-કિરણો (X-Rays)ની શોધ કોણે કરી હતી ?

- (A) ફેડરિક મિસ્સાલ (B) અન્ના લુડવિંગ
(C) રોન્ટજન (D) જે. જે. થોમસન

80. નીચેનામાંથી કયું ધાતુ અકર્મક છે ?

- (A) ખાવું (B) રડવું
(C) પીવું (D) લેવું

81. નેશનલ મિનરલ ડેવલપમેન્ટ કોર્પોરેશનનું વડું મથક ક્યાં આવેલું છે ?

- (A) નવી દિલ્હી (B) કોલકતા
(C) ચેન્નાઈ (D) હૈદરાબાદ

82. ડીડી ગિરનારનું પ્રસારણ ક્યાંથી થાય છે ?

- (A) રાજકોટ (B) અમદાવાદ
(C) વડોદરા (D) ભુજ

83. સૌ પ્રથમ રણજીતરામ સુવર્ણ ચંદ્રક કોને એનાયત થયો હતો ?

- (A) મણિલાલ દેસાઈ (B) ત્રિભુવનદાસ ભુશર
(C) ઝવેરચંદ મેઘાણી (D) કનુભાઈ દેસાઈ

84. "समान गुण लक्षण होवापणुं" शब्दसमूह माटे ओक शब्द आपो.

- (A) रूपाणुं (B) प्रतिरूप
(C) रूपमय (D) थीररूप

85. भारतनी सर्वोच्च अदालत क्यारे अस्तित्वमां आवी ?

- (A) 1947 (B) 1950
(C) 1951 (D) 1948

"(Q. 86 -95) In the following passage there are blanks each of which has been numbered. These numbers are printed below the passage and against each four words are suggested, one of which fits the blank appropriately. Find out the appropriate words in each case:

Do women (86)_____ leadership differently from what men do ? And it so, will feminine leadership (87)_____ where (88)_____ leadership does not ? A recent study suggests somewhat paradoxically that female managers (89)_____ their male (90)_____ even when the personal characteristics of both are very (91)_____ of the two schools of thought, the structuralist theory argues that men and women do not receive the same treatment in the workplace and that stamping out (92)_____ bias would stamp out the observed (93)_____ In contrast, the socialisation theory contends that men and women experience work differently because men seek work as more (94)_____ to their lives. These (95)_____ explanations, apart, today business appears to be undergoing a feminisation of leadership.

86.

- (A) exercise (B) undertake
(C) authorise (D) empower

87.

- (A) affect (B) succeed
(C) compete (D) progress

[9-D-13]

88.

- (A) traditional
- (C) masculine

- (B) charismatic
- (D) benevolent

89.

- (A) outlive
- (C) outwork

- (B) outcast
- (D) outdo

90.

- (A) employees
- (C) managers

- (B) subordinates
- (D) counterparts

91.

- (A) minimal
- (C) unique

- (B) distinct
- (D) similar

92.

- (A) employment
- (C) gender

- (B) culture
- (D) class

93.

- (A) variations
- (C) resemblances

- (B) discriminations
- (D) distortions

94.

- (A) needy
- (C) preliminary

- (B) desperate
- (D) central

95.

- (A) contradictory
- (C) discriminating

- (B) corresponding
- (D) analogical

[9-D-14]

In these questions look at the underline part of each sentence. Below the sentence are given three possible substitutions for the underline part. If any one of substitutions (a), (b) or (c) is better than the underline part, choose that substitution as your response. If none of the substitutions improves the sentence, choose (d) as your response. Thus, a 'No' 'improvement response will be signified by the letter (d).

96. I told him clearly that he hadn't ought to do that to me.

- (A) ought not to have done
(B) ought not has done ✓
(C) ought not done
(D) No improvement

97. You must carry on my order.

- (A) carry off
(B) carry out ✓
(C) carry of
(D) No improvement

98. Once he has signed the agreement, he won't be able to _____ (Fill in the blank)

- (A) back up ✓
(B) back in
(C) back at
(D) back out

99. When students do not have time to read a novel before class, they read _____
(Fill in the blank from options below)

- (A) an article ✓
(B) a synopsis
(C) a critique
(D) an essay

100. She was married _____ an early age. (Fill in the blanks)

- (A) for ✓
(B) of
(C) at
(D) in