

पुस्तिका में पृष्ठों की संख्या : 24
Number of Pages in Booklet : 24
पुस्तिका में प्रश्नों की संख्या : 180
No. of Questions in Booklet : 180

प्रश्न-पत्र पुस्तिका संख्या /
Question Paper Booklet No.

5200545

BSAPCm-02

Paper Code : 03

SUBJECT : Community
Medicine

समय : 3.00 घण्टे
Time : 3.00 Hours

परीक्षा दिनांक :- 11/08/2020

परीक्षा समय :- 9:00 To 12:00

अधिकतम अंक : 180
Maximum Marks : 180

प्रश्न-पत्र पुस्तिका एवं उत्तर पत्रक के पेपर सील/पोलिथीन बैग को खोलने के बाद परीक्षार्थी प्रश्न-पत्र पुस्तिका संख्या को उत्तर पत्रक पर सावधानीपूर्वक अंकित करें। इसमें किसी भी प्रकार की त्रुटि होने पर जिम्मेदारी अभ्यर्थी की होगी।

The candidate fill the Question Paper Booklet No. on Answer Sheet carefully after opening the Paper Seal / Polythene bag. Candidate himself shall be responsible for any error.

परीक्षार्थियों के लिए निर्देश

1. सभी प्रश्नों के उत्तर दीजिए।
2. सभी प्रश्नों के अंक समान हैं।
3. प्रत्येक प्रश्न का केवल एक ही उत्तर दीजिए।
4. एक से अधिक उत्तर देने की दशा में प्रश्न के उत्तर को गलत माना जाएगा।
5. प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं, जिन्हें क्रमशः 1, 2, 3, 4 अंकित किया गया है। अभ्यर्थी को सही उत्तर निर्दिष्ट करते हुए उनमें से केवल एक गोले अथवा बबल को उत्तर पत्रक पर नीले बॉल प्वाइंट पेन से गहरा करना है।
6. OMR उत्तर पत्रक इस परीक्षा पुस्तिका के अन्दर रखा है। जब आपको परीक्षा पुस्तिका खोलने को कहा जाए, तो उत्तर-पत्र निकाल कर ध्यान से केवल नीले बॉल पॉइंट पेन से विवरण भरें।
7. प्रत्येक गलत उत्तर के लिए प्रश्न अंक का 1/3 भाग काटा जायेगा। गलत उत्तर से तात्पर्य अशुद्ध उत्तर अथवा किसी भी प्रश्न के एक से अधिक उत्तर से है। किसी भी प्रश्न से संबंधित गोले या बबल को खाली छोड़ना गलत उत्तर नहीं माना जायेगा।
8. मोबाइल फोन अथवा इलेक्ट्रॉनिक यंत्र का परीक्षा हॉल में प्रयोग पूर्णतया वर्जित है। यदि किसी अभ्यर्थी के पास ऐसी कोई बर्जित सामग्री मिलती है तो उसके विरुद्ध आयोग द्वारा नियमानुसार कार्यवाही की जायेगी।
9. कृपया अपना रोल नम्बर ओ.एम.आर. पत्रक पर सावधानीपूर्वक सही भरें। गलत अथवा अपूर्ण रोल नम्बर भरने पर 5 अंक कुल प्राप्तांकों में से काटे जा सकते हैं।

चेतावनी: अगर कोई अभ्यर्थी नकल करते पकड़ा जाता है या उसके पास से कोई अनधिकृत सामग्री पाई जाती है, तो उस अभ्यर्थी के विरुद्ध पुलिस में प्राथमिकी दर्ज कराते हुए विविध नियमों-प्रावधानों के तहत कार्यवाही की जाएगी। साथ ही विभाग ऐसे अभ्यर्थी को भविष्य में होने वाली विभाग की समस्त परीक्षाओं से विवर्जित कर सकता है।

INSTRUCTIONS FOR CANDIDATES

1. Answer all questions.
2. All questions carry equal marks.
3. Only one answer is to be given for each question.
4. If more than one answers are marked, it would be treated as wrong answer.
5. Each question has four alternative responses marked serially as 1, 2, 3, 4. You have to darken only one circle or bubble indicating the correct answer on the Answer Sheet using BLUE BALL POINT PEN.
6. The OMR Answer Sheet is inside this Test Booklet. When you are directed to open the Test Booklet, take out the Answer Sheet and fill in the particulars carefully with blue ball point pen only.
7. 1/3 part of the mark(s) of each question will be deducted for each wrong answer. A wrong answer means an incorrect answer or more than one answers for any question. Leaving all the relevant circles or bubbles of any question blank will not be considered as wrong answer.
8. Mobile Phone or any other electronic gadget in the examination hall is strictly prohibited. A candidate found with any of such objectionable material with him/her will be strictly dealt as per rules.
9. Please correctly fill your Roll Number in O.M.R. Sheet. 5 Marks can be deducted for filling wrong or incomplete Roll Number.

Warning : If a candidate is found copying or if any unauthorized material is found in his/her possession, F.I.R. would be lodged against him/her in the Police Station and he/she would liable to be prosecuted. Department may also debar him/her permanently from all future examinations.

इस परीक्षा पुस्तिका को तब तक न खोलें जब तक कहा न जाए।
Do not open this Test Booklet until you are asked to do so.

03-□



1. All of the following statements about mosquito are true except :
 - (1) It is a definitive host in malaria
 - (2) It is a definitive host in filaria
 - (3) Its life cycle is completed in 3 weeks
 - (4) The female can travel upto 3 kilometers

2. Percentage of para-para isomer in DDT is :
 - (1) 20-30%
 - (2) 40-50%
 - (3) 60-70%
 - (4) 70-80%

3. All are true about Pyrethrum except :
 - (1) Residual action is similar to DDT
 - (2) Vegetable origin
 - (3) Contact poison
 - (4) Synergistic with DDT

4. Phlebotamus argentipes is killed by :
 - (1) Pyrethrum
 - (2) DDT
 - (3) Malathion
 - (4) None of the above

5. Transovarian transmission is seen in :
 - (1) Rickettsia Rickettsii
 - (2) Louse
 - (3) Flea
 - (4) None

6. In post disaster phase, for ensuring safe water supply, it is advisable to have a Residual Chlorine Level of :
 - (1) 0.3 mg/ litre
 - (2) 0.5 mg/ litre
 - (3) 0.7 mg/ litre
 - (4) 0.8 mg/ litre

7. During massive disaster what should be done first ?
 - (1) Search and rescue, first aid
 - (2) Triage
 - (3) Stabilization of victims
 - (4) Hospital treatment and redistribution of patients to hospital if necessary

8. "Founder effect" describes the distribution of diseases on the basis of ?
 - (1) Occupation
 - (2) Environment
 - (3) Genetics
 - (4) All of the above

9. Which of the following affect the equilibrium in Hardy Weinberg's law :
 - (1) Small population
 - (2) Random mating
 - (3) Mutations
 - (4) Gene outflow

10. World Disaster Reduction Day is designated on
- (1) Second Tuesday of October
 - (2) Second Wednesday of October
 - (3) First Sunday of September
 - (4) 10th of August
11. The head agency for preparation of Disaster Management plan in India is
- (1) Minister of Home Affairs (MHA)
 - (2) Cabinet Committee of Security (CCS)
 - (3) National Disaster Management Authority (NDMA)
 - (4) National Crises Management Committee (NCMC)
12. Not true about Screw feed technique is :
- (1) 80% volume reduction
 - (2) Pathological waste are removed
 - (3) Weight is decreased by 20-30%
 - (4) Based on non-burn thermal treatment
13. According to the Biomedical Waste Rules (1998), for the hospital waste products disposed by incineration, the temperature of primary chamber of incineration should be :
- (1) 600 + /- 50°C
 - (2) 800 + /- 50°C
 - (3) 1000 + /- 50°C
 - (4) 1200 + /- 50°C
14. Natural disaster causing maximum deaths :
- (1) Hydrological
 - (2) Meteorological
 - (3) Geological
 - (4) fires
15. Which component of network analysis represents activities rather than events
- (1) Programme evaluation and review techniques
 - (2) Critical path method
 - (3) Queuing theory
 - (4) System Analysis
16. Biomedical waste rule 2016 is applicable to all except
- (1) Hospital waste
 - (2) Research Institution
 - (3) Radiological waste
 - (4) Forensic Laboratories
17. Punishment under Human organ transplantation act 2011 (modified)
- (1) Imprisonment of 10 years + fine ₹ 20,00,000 to ₹ 1,00,00,000
 - (2) Imprisonment of 10 years + fine ₹ 5,00,000 to ₹ 10,00,000
 - (3) Imprisonment of 5 years + fine ₹ 20,00,000 to ₹ 1,00,00,000
 - (4) Imprisonment of 5 years + fine ₹ 5,00,000 to ₹ 10,00,000



18. Which committee from the following recommended for establishment of Medical and Health Education commission ?
- (1) Kartar Singh Committee
 - (2) Jungalwalla Committee
 - (3) Srivastava Committee
 - (4) Bhore Committee
19. Panchayati Raj was introduced in Rajasthan in the year
- (1) 1951
 - (2) 1949
 - (3) 1959
 - (4) 1956
20. Which is true for Didactic communication ?
- (1) Autocratic
 - (2) Democratic
 - (3) Participatory
 - (4) More likely to influence human behaviour
21. Which of the following is the socratic method of teaching ?
- (1) Lecture
 - (2) Films
 - (3) Exhibition
 - (4) Panel discussion
22. Following are the group health education approaches except :
- (1) Lecture
 - (2) Demonstration
 - (3) Role Play
 - (4) Documentary
23. All of the following are approaches to health education except :
- (1) Service approach
 - (2) Regulatory approach
 - (3) Health education approach
 - (4) Mass media
24. Efficacy of a new drug A is compared with an existing drug B in
- (1) Clinical trial phase I
 - (2) Clinical trial phase II
 - (3) Clinical trial phase III
 - (4) Clinical trial phase IV
25. All are True regarding Meta-analysis except
- (1) Statistical Techniques for combing the finding from several independent studies on special topic
 - (2) Its purpose is not to identify the risk factors
 - (3) Its purpose is to increase statistical power by increasing the sample size
 - (4) The validity does not depend on quality of systematic review

26. Roll back malaria initiative is extended to
- (1) Reduce the mortality rate due to malaria by at least 70% by 2025 compared to 2015
 - (2) Reduce the mortality rate due to malaria by at least 85% by 2025 compared to 2015
 - (3) Reduce the mortality rate due to malaria by at least 75% by 2025 compared to 2015
 - (4) Reduce the mortality rate due to malaria by at least 85% by 2030 compared to 2015
27. Maximum rate of Drug failure is seen in _____ Phase of clinical trail
- (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
28. Soil is an important reservoir for all except :
- (1) Brucellosis
 - (2) Coccidiomycosis
 - (3) Anthrax
 - (4) Tetanus
29. Rideal-Walker Coefficient is employed for the assessment of :
- (1) Effect of autoclaving
 - (2) Sufficiency of Pasteurisation
 - (3) Effect of Incineration
 - (4) Germicidal Power of a disinfectant

30. Disinfection of water by routine chlorination can be classified as
- (1) Sterilization
 - (2) Concurrent disinfection
 - (3) Terminal disinfection
 - (4) Pre-current disinfection
31. The amount of bleaching powder necessary to disinfect choleric stools, is :
- (1) 50 gm/lit
 - (2) 75 gm/lit
 - (3) 90 gm/lit
 - (4) 100 gm/lit
32. Fibreoptic scopes are sterilized by :
- (1) Glutaraldehyde
 - (2) Ethylene oxide
 - (3) Autoclaving
 - (4) Alcohol
33. In assessing the association between maternal nutritional status and the birth weight of the newborn, two investigators A and B studied separately and found significant results with P values 0.02 and 0.04 respectively. From this information, what can you infer about the magnitudes of association found by the two investigators ?
- (1) The magnitude of association found by investigator A is more than found by B
 - (2) The magnitude of association found by investigator B is more than that found by A
 - (3) The estimates of association obtained by A and B will be equal, since both are significant
 - (4) Nothing can be concluded as the information given is inadequate



34. The number of deaths due to diarrhea, total cases of measles, total number of accidents and the total number of drug addicts were to be reported by a researcher. The best title given to all of this data would be
- (1) Mortality data
 - (2) Morbidity data
 - (3) Case fatality data
 - (4) Health related data
35. The health statistics department revealed that the sale of anti-Asthma drugs was more in those countries where Asthma deaths were more. This association may prove wrong when the individual based study designs are conducted. This association is an example of
- (1) Ecological fallacy
 - (2) Berksonian bias
 - (3) Indirect association
 - (4) Specific association
36. Most difficult criterion to establish Causal Association in aetiology of a disease is :
- (1) Temporality
 - (2) Strength of association
 - (3) Specificity of association
 - (4) Biological plausibility
37. A village has 100 under five children. The coverage of measles vaccine is 60%. Following a measles case 26 children developed measles. The secondary attack rate is :
- (1) 25%
 - (2) 40%
 - (3) 50%
 - (4) 65%
38. Eight months old child had history of unusual crying and convulsions following previous vaccination after BCG, DPT & OPV (first dose), and Hepatitis B. Now parents have brought child for next doses of vaccinations. Which vaccine is contraindicated in this situation ?
- (1) Measles
 - (2) DPT
 - (3) Hepatitis B
 - (4) DT
39. In the context of epidemiology-a set of questions is constructed in such a manner that it takes into account all the important epidemiological factors of a given disease :
- (1) Health model
 - (2) Epidemiological triad
 - (3) Epidemiological surveillance
 - (4) Mathematical model

40. A doctor was attending a patient suffering from Hepatitis B; he accidentally got a prick from a contaminated needle for maximum preventive use of Hepatitis B immunoglobulin (HBIG), it is given as
- (1) 0.5 ml/kg body weight within 2 hours
 - (2) 0.5 ml/kg body weight within 24 hours
 - (3) 0.06 ml/kg body weight within 3 days of exposure & repeating after one month
 - (4) 0.0 m5l/kg body weight within one month & repeating after 6 months
41. A mother brought her four year old child to the doctor. She gave the history that her child was in close contact with a case of diphtheria in school. She was very anxious about her child and gave history of booster dose of DT 2 years ago. What would be line of management for such a child ?
- (1) Booster dose of DT with penicillin
 - (2) Active and Passive immunization
 - (3) Active and Passive immunization with chemoprophylaxis
 - (4) Only observation for 7 days
42. A test has high false positive rate in a community. True is :
- (1) High prevalence
 - (2) Low prevalence
 - (3) High sensitivity
 - (4) High specificity

43. A screening test is more sensitive :
- (1) Few false positive
 - (2) Few false negative
 - (3) More false positive
 - (4) More false negative
44. The method of choice of tuberculosis detection mass screening is :
- (1) Tuberculin test
 - (2) Mass Miniature Radiography (MMR)
 - (3) Sputum smear examination by direct microscopy
 - (4) Sputum culture
45. Most important factor for a test to be a good screening test is
- (1) Specificity
 - (2) Sensitivity
 - (3) Reliability
 - (4) Predictive value
46. Criteria of screening was developed by
- (1) Haddon
 - (2) JMG Wilson
 - (3) James Watson
 - (4) Edwin Chadwick
47. In neonates Guthrie test is done for screening of
- (1) phenylketonuria
 - (2) galactosemia
 - (3) congenital hypothyroidism
 - (4) Sickle cell disease



48. Glycemic index for glucose is
- (1) 0.5
 - (2) 1
 - (3) 1.5
 - (4) 2
49. According to WHO, which of the following is the best indicator of cardiovascular risk.
- (1) Waist height ratio
 - (2) Waist hip ratio
 - (3) Lorentz index
 - (4) Ponderal index
50. WHO STEPS is used for :
- (1) Communicable diseases
 - (2) Non-communicable diseases
 - (3) Immuno-deficient diseases
 - (4) Auto-immune diseases.
51. Haddon matrix is related to
- (1) Hypertensive disorders
 - (2) Communicable diseases
 - (3) Maternal and Child mortality
 - (4) Injury prevention
52. Taking the definition of blindness as visual acuity less than 3/60 in the better eye, the number of blind persons per 100,000 population in India is estimated to be :
- (1) 500
 - (2) 700
 - (3) 1000
 - (4) 1500
53. Disease not included in Vision 2020, India is :
- (1) Cataract
 - (2) Glaucoma
 - (3) Diabetic retinopathy
 - (4) Optic atrophy
54. Current cancer patients in India reported annually :
- (1) 0.5 million
 - (2) 1 million
 - (3) 5 millions
 - (4) 10 millions
55. An epidemic of Hepatitis A is an example of
- (1) Common source, single exposure epidemic
 - (2) Common source, continuous exposure epidemic
 - (3) Propagated epidemic
 - (4) Slow epidemic
56. Tip of iceberg phenomenon is most appropriately represented by :
- (1) Malaria
 - (2) Measles
 - (3) PEM
 - (4) Rabies
57. Absolute contraindication for DPT vaccine is
- (1) Cold cough fever
 - (2) Progressive neurological disease
 - (3) Thrombocytopenia
 - (4) Subacute monoplegic neuritis



58. At state or regional level, the duration of vaccine storage is
- (1) 5 months
 - (2) 4 months
 - (3) 2 months
 - (4) 3 months
59. BCG vaccine program was launched in India
- (1) 1949
 - (2) 1951
 - (3) 1970
 - (4) 1971
60. For trachoma SAFE strategy includes all of the following EXCEPT :
- (1) Screening
 - (2) Antibiotics
 - (3) Face washing
 - (4) Environmental improvement
61. Rash starting peripherally is a feature of :
- (1) Epidemic typhus
 - (2) Endemic typhus
 - (3) Scrub typhus
 - (4) Indian tick typhus

62. False about Leishmaniasis is :
- (1) Co-infection with AIDS is now emerging
 - (2) Indian Leishmaniasis is a non-zoonotic infection with man as the sole reservoir
 - (3) Aldehyde Test of Napier is a good test for diagnosis
 - (4) There are no drugs for personal prophylaxis
63. In the grading of Trachoma, Trachomatous Inflammation-follicles is defined as the presence of :
- (1) Five or more follicles in the lower tarsal conjunctiva
 - (2) Three or more follicles in the lower tarsal conjunctiva
 - (3) Five or more follicles in the upper tarsal conjunctiva
 - (4) Three or more follicles in the upper tarsal conjunctiva
64. All are used in treatment of Visceral Leishmaniasis except :
- (1) Sitamaquine
 - (2) Paramomycin
 - (3) Hydroxychloroquine
 - (4) Miltefosine
65. Mode of transmission of Q fever ?
- (1) Ticks
 - (2) Mites
 - (3) Aerosols
 - (4) Mosquito

66. In multi bacillary leprosy, bacterial index is more than :
- (1) 1
 - (2) 2
 - (3) 5
 - (4) 10
67. Generation time for leprosy bacillus is :
- (1) 8 – 10 days
 - (2) 10 – 12 days
 - (3) 12 – 15 days
 - (4) 15 – 20 days
68. Lymphogranuloma venereum is caused by :
- (1) Haemophilus ducreyi
 - (2) Calymmotabacterium granulomatis
 - (3) Treponema pallidum
 - (4) Chlamydia trachomatis
69. All of the following statements are true for the viral genome in HIV, Except :
- (1) They are diploid
 - (2) They consist of DNA dependent DNA polymerase activity
 - (3) They consist of three major genes-gag, pol and env characteristic of all retroviruses
 - (4) They are most complex of human retroviruses
70. Antiretroviral prophylaxis decrease the chance of transmission of HIV to fetus during pregnancy by
- (1) 35%
 - (2) 45%
 - (3) 50%
 - (4) 65%
71. Epidemic caused by type A arbovirus in India is :
- (1) Chikungunya
 - (2) KFD
 - (3) Yellow Fever
 - (4) Dengue
72. Who invented APGAR score ?
- (1) Helen May (Clarke)
 - (2) Charles Emery Apgar
 - (3) Virginia Apgar
 - (4) Laurence Apgar
73. Kangaroo position of kangaroo mother care includes all except
- (1) Baby in vertical position
 - (2) Baby chest in direct skin contact with mother
 - (3) Baby between the breast of the mother
 - (4) Baby in horizontal position

74. RHIME is a method for estimation

- (1) Neonatal mortality rate
- (2) Infant mortality rate
- (3) Maternal mortality rate
- (4) Prenatal mortality rate

75. Child rights are guaranteed in which article of the constitution :

- (1) Article 24
- (2) Article 28
- (3) Article 35
- (4) Article 42

76. National Health Policy was approved by the parliament in the year

- (1) 1984
- (2) 1981
- (3) 1977
- (4) 1983

77. Shantilal Shah Committee was set up for

- (1) Minimum addition staff for primary health centers for malaria and smallpox
- (2) Prevention of National malaria eradication programme
- (3) Legalisation of Abortion
- (4) Medical Education of India

78. All are true for gases implicated in decompression sickness except

- (1) Nitrogen
- (2) Nitrogen+ Oxygen + Helium
- (3) Oxygen + Helium
- (4) Carbon monoxide

79. Herd immunity threshold for poliomyelitis is

- (1) 83-84%
- (2) 60-70%
- (3) 80-86%
- (4) 83-85%

80. For study of vaccine efficiency which of the following is not appropriate

- (1) Cohort Study
- (2) Household cohort study
- (3) Cluster sampling
- (4) Case-control study

81. Which of the immunoglobulin is concentrated in submucous tissue

- (1) IgE
- (2) IgM
- (3) IgG
- (4) IgA

82. Children under 2 year of age group do not respond to

- (1) Polysaccharide based vaccine
- (2) Recombinant protein vaccine
- (3) Conjugated vaccine
- (4) Combination vaccine



83. Isolation period, false is :

- (1) Chicken pox – 6 days after onset of rash
- (2) Herpes zoster – 6 days after onset of rash
- (3) Measles – up to 3 days after onset of rash
- (4) German measles – 10 days after onset of rash

84. Environmental Manipulation which enable genes to express themselves readily is known as :

- (1) Positive eugenics
- (2) Negative eugenics
- (3) Euthenics
- (4) Genetic Counselling

85. NCOP designates

- (1) National Committee for Older Persons
- (2) National Council for Older Persons
- (3) National Commission for Older Persons
- (4) National Cabinet for Older Persons

86. A 6 months pregnant lady comes for antenatal checkup for the first time. Her baseline investigation and screening for HBSAG and Anti HCV was done. On screening she was found to have HBSAG. What you suggest for this lady ?

- (1) Active and passive immunization
- (2) Passive immunization
- (3) Anti-viral therapy
- (4) Advice for active and passive immunization of the baby at birth.

87. Average number of mites found on the body in a person suffering from scabies is :

- (1) 1-2
- (2) 5-10
- (3) 10-15
- (4) 15-20

88. The distance from airport or seaport can be kept free from Aedes mosquito is

- (1) 400 m
- (2) 500 m
- (3) 1 km
- (4) 100 m

89. Concept of Hierarchy of Human needs is given by

- (1) Abraham Maslow
- (2) Godman Maslow
- (3) Ann Maslow
- (4) Ellen Maslow

90. Mission Parivar Vikas was launched with the goal

- (1) To reduce total fertility rate of 2.1 by the year 2025
- (2) To reduce total fertility rate of 2.2 by the year 2025
- (3) To reduce the IMR of <25 by the year 2030
- (4) To reduce the IMR of <25 by the year 2025

91. National wide family planning programme was started in

- (1) 1948
- (2) 1949
- (3) 1953
- (4) 1952

92. Grafenberg's ring is a

- (1) First generation IUD
- (2) Second generation IUD
- (3) Third generation IUD
- (4) Injectable contraceptive

93. Tubal block constitutes what proportion of female infertility ?

- (1) 5-7%
- (2) 15-20%
- (3) 30-35%
- (4) 90-05%

94. The National Population Policy of India has set the following goals except :

- (1) To bring down Total Fertility Rate (TFR) to replacement levels by 2015.
- (2) To reduce the Infant Mortality Rate to 30 per 1000 live births
- (3) To reduce the Maternal Mortality Rate to 100 per 100,000 live births
- (4) 100 percent registration of births, deaths, marriages and pregnancies

95. Failure rate of Pomeroy's technique of sterilization ?

- (1) 0.1-0.5%
- (2) 0.5-1.0%
- (3) 1-2%
- (4) 5-10%

96. According to "Factory Act, 1948" maximum permissible working hours per week are :

- (1) 48
- (2) 60
- (3) 72
- (4) 54

97. Cancer of scrotum in chimney sweeps was first seen by

- (1) Percival Pott
- (2) Donald Hunter
- (3) Sarah Pott
- (4) Lobo Mendonca



98. Respirable dust, responsible for pneumoconiosis, has a size limit of :

- (1) < 1 micron
- (2) < 5 micron
- (3) < 10 micron
- (4) < 100 micron

99. The Indian Factories Act dates back to

- (1) 1948
- (2) 1958
- (3) 1881
- (4) 1891

100. All are features of siderosis except

- (1) It is caused by iron dense.
- (2) Foundry workers and welders are affected.
- (3) No tissue reaction, no lung impairment
- (4) Mottling in lung

101. Snow storm appearance of lung is seen in

- (1) COVID-19
- (2) Silicosis
- (3) Tuberculosis
- (4) Bagassosis

102. Maximum loss of DALY occurs in which psychiatric disorder ?

- (1) Schizophrenia
- (2) Depression
- (3) Alcohol dependence
- (4) Bipolar disorder

103. Superman's drug is

- (1) Amphetamine
- (2) Nicotine
- (3) Barbiturate
- (4) Marijuana

104. Self administration of drug for non medical reasons in frequency

- (1) Drug addiction
- (2) Drug abuse
- (3) Drug dependence
- (4) Drug tolerance

105. What is an example of Social deviance ?

- (1) Smoking
- (2) Use of alcohol
- (3) Drug abuse
- (4) Prostitution

106. According to 2006 government of India guidelines for sterilization all are true except

- (1) Should be married
- (2) Female clients should be below the age of 45 years and above the age of 20 years
- (3) The couple should have at least one child whose age is above one year unless the sterilization is medically indicated.
- (4) Clients or their spouses/partner must not have undergone sterilization in the past



107. According to the Global Leprosy strategy, true is

- (1) Rate of newly diagnosed Leprosy patients with visible deformities <1 per million
- (2) Rate of newly diagnosed Leprosy patients with visible deformities <0.5 per million
- (3) Number of children diagnosed with Leprosy and visible deformities <1 per million
- (4) Number of children diagnosed with Leprosy and visible deformities <0.5 per million

108. Your advice is sought to maintain sustainability of a health program. Which is the best and essential feature that you suggest to make the programme sustainable ?

- (1) Community participation
- (2) Cost analysis
- (3) Cost effectiveness
- (4) Intersectoral collaboration

109. The effectiveness of an intervention will depend primarily on

- (1) Equity
- (2) Equality
- (3) Money
- (4) Comprehensiveness

110. To improve the health of nation, "The Millennium Development Goals" were mainly focused on

- (1) Fertility regulation
- (2) Involvement of men in RH
- (3) Women Education
- (4) HMIS

111. A program is started to set a free medical camp in a city especially in those areas affected by earthquake to provide medical care for the people to avoid transportation of patients to the hospital in the adjacent areas. This particular action to save additional expense on traveling is

- (1) Suitability
- (2) Appropriate technology
- (3) Equality
- (4) Community participation

112. Mid level management skills include all except

- (1) Tactile management skill
- (2) Human relation skill
- (3) Executive skills
- (4) Supervisory skills

113. What is the true for Laissez-faire leadership ?

- (1) Team members can decide for way of working
- (2) It requires direct supervision of employees
- (3) It does not occur spontaneously
- (4) It does not require an experienced team.



114. Committee on multipurpose workers was proposed by

- (1) Jungalwalla Committee
- (2) Mudaliar Committee
- (3) Srivastava Committee
- (4) Kartar Singh Committee

115. HLEG for developing framework of Universal Health Coverage was appointed by

- (1) Planning Commission of India in 2010
- (2) National Council for Human Resource in 2011
- (3) Niti Ayog in 2015
- (4) Ministry of Health and Family Welfare in 2010

116. The grievance redressal system in India is constituted under

- (1) National Health Agency
- (2) National Health Regulatory and Development Authority
- (3) Ayushman Bharat Jan Arogya Yojana
- (4) National Health Protection Mission

117. Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA) includes

- (1) At least one antenatal checkup in 2nd and 3rd trimester of pregnancy
- (2) At least one antenatal checkup per month in 2nd and 3rd trimester of pregnancy
- (3) At least two antenatal checkups in 2nd and 3rd trimester of pregnancy
- (4) At least two antenatal checkups every month in 2nd and 3rd trimester of pregnancy

118. Beti Bachao Beti Padhao Yojana is a joint initiative of

- (1) Ministry of Women and Child Development, Ministry of Health and Family Welfare and Ministry of Woman Empowerment and Gender Equality
- (2) Ministry of Health and Family Welfare, Ministry of Human Resource Development and Ministry of Woman Empowerment and Gender Equality
- (3) Ministry of Women and Child Development, Ministry of Health and Family Welfare and Ministry of Human Resource Development
- (4) Ministry of Women and Child Development, Ministry of Human Resource Development and Ministry of Woman Empowerment and Gender Equality

119. At which biosafety level, available immunization must be done to protect laboratory staff from accidental infections

- (1) BSL-4
- (2) BSL-2
- (3) BSL-3
- (4) BSL-1

120. There is an epidemic of Meningococcal meningitis among a shelter home. The best chemoprophylaxis for the prevention of contact is by giving
- (1) Doxycycline
 - (2) Penicillin
 - (3) Ceftriaxone
 - (4) Rifampicin
121. National Nutrition Policy was formulated in
- (1) 1985
 - (2) 1990
 - (3) 1993
 - (4) 1996
122. Pulse Polio immunization was first held on
- (1) 7th December, 1995
 - (2) 9th December, 1995
 - (3) 10th December, 1995
 - (4) 22nd January, 1996
123. Pilot project of non communicable disease programme was launched in
- (1) 2006
 - (2) 2008
 - (3) 2007
 - (4) 1999
124. Maintenance and welfare of parents and senior citizens bill was passed in the year
- (1) 2007
 - (2) 2006
 - (3) 2010
 - (4) 2014
125. Yojna Aayog was replaced by Niti Aayog in the year
- (1) 31st January, 2015
 - (2) 1st January, 2015
 - (3) 26th January, 2015
 - (4) 15th August, 2015
126. Surveillance Reporting System used by WHO is
- (1) Technical Report Series
 - (2) Weekly Epidemiological Report
 - (3) Morbidity and Mortality Weekly Report
 - (4) WHO Bulletin
127. Rabies free country is :
- (1) China
 - (2) Russia
 - (3) Australia
 - (4) France
128. Emporiatrics deals with the health of ?
- (1) Farmers
 - (2) Travellers
 - (3) Industrial workers
 - (4) Mine workers

129. Maximum damage to Napoleon's army during his march to Moscow was done by :

- (1) Typhus
- (2) Plague
- (3) Diarrhea
- (4) Typhoid

130. For studying the complete amino acid sequence of two polypeptide chains of Insulin, Nobel Prize was awarded to :

- (1) Fredreich Sanger
- (2) Banting and Macleod
- (3) Paul Muller
- (4) Alexander Fleming

131. World Humanitarian Day (WHD) is celebrated every year _____.

- (1) To pay tribute to population affected in Humanitarian emergency
- (2) To celebrate the lives saved during threat to health
- (3) To pay tribute to relief workers in Humanitarian emergency
- (4) To celebrate personnel working for Humanitarian emergency

132. Emphasis on Handwashing was given by

- (1) Joseph Lister
- (2) Ignaz Philipp Semmelweis
- (3) Petten Kofer
- (4) Alexander Fleming

133. Nobel prize for CT scan was awarded to

- (1) Paul H Muller
- (2) Paul Ehrlich
- (3) Frederick Grant Banting
- (4) Sir Godfrey Newbold Hounsfield

134. Quarantinable disease include all except

- (1) Dengue
- (2) Diphtheria
- (3) Plague
- (4) Viral haemorrhagic fevers

135. Who coined the term Meta analysis ?

- (1) Medline
- (2) Gene glass
- (3) Cochrane
- (4) David son

136. National Helpline number of COVID-19 is

- (1) 91-11-23978046
- (2) 91-11-23974886
- (3) 91-11-23948460
- (4) 91-11-23798046

137. India was declared Guinea Worm free country in the year

- (1) 2002
- (2) 2001
- (3) 1995
- (4) 2000

138. Term 'Social Medicine' was introduced by

- (1) Jules Gurein
- (2) Crew
- (3) John Ryle
- (4) Alfred Grotjhan

139. Quarantine was first applied for :

- (1) Small Pox
- (2) Cholera
- (3) Yellow Fever
- (4) Plague

140. Ottawa Charter of health promotion incorporates all of the following key action areas except

- (1) Build healthy public policy
- (2) Strengthen community action for health
- (3) Build Social Security System
- (4) Reorient health services

141. For optimum utilization of health services in a hospital, Bed turnover interval should always be

- (1) Slightly positive
- (2) Largely positive
- (3) Slightly negative
- (4) Largely negative

142. Pap smear test for detection of carcinoma of cervix is which level of prevention ?

- (1) Primordial
- (2) Primary
- (3) Secondary
- (4) Tertiary

143. Limit for registration of birth is :

- (1) 7 days
- (2) 14 days
- (3) 21 days
- (4) 28 days

144. 'Silent epidemic' of the century is :

- (1) Coronary artery disease
- (2) Chronic liver disease
- (3) Chronic obstructive lung disease
- (4) Alzheimer's disease

145. Transition from increased prevalence of infectious pandemic diseases to manmade disease is known as

- (1) Paradoxical transition
- (2) Reversal of transition
- (3) Epidemiological transition
- (4) Demographic

146. Natural history of disease is best studied by :

- (1) Cross sectional study
- (2) RCT
- (3) Case-control study
- (4) Cohort study



147. Quarantine period for yellow fever in India is ?

- (1) 6 days
- (2) 1 week
- (3) 10 days
- (4) 2 weeks

148. Maximum power of destruction of a disease is measured by :

- (1) Survival rate
- (2) Case fatality rate
- (3) Specific death rate
- (4) Proportional mortality rate

149. Which of the following is characteristic of a single exposure common vehicle outbreak ?

- (1) Frequent secondary cases
- (2) Severity increases with increasing age
- (3) Explosive
- (4) Cases occur continuously beyond the longest incubation period

150. According to Maslow's hierarchy of needs, following is at the top of pyramid :

- (1) Physical needs
- (2) Self actualization
- (3) Safety
- (4) Esteem recognition

151. IQ = 51 is :

- (1) Mild MR
- (2) Moderate MR
- (3) Severe MR
- (4) Profound MR

152. The following is true about the term 'New Families' :

- (1) It is a variant of the 3-generation family
- (2) It is applied to all nuclear families of less than 10 years duration
- (3) It is a variant of the joint family
- (4) It is applied to all nuclear families of less than 2 years duration

153. Social insurance was introduced by :

- (1) Martin Luther King
- (2) Bismarck
- (3) Dr. Watson
- (4) Baba Amte

154. Provision of specialist services for strengthening of district hospital was recommended by

- (1) Mudalair Committee
- (2) Kartar Singh Committee
- (3) Mukherjee Committee
- (4) Srivastava Committee



155. A 30 years lady is bitten by a snake. She complains of giddiness, lethargy, muscular weakness and spreading paralysis. The type of snake is

- (1) Sea snake
- (2) Elapid snake
- (3) Russell's viper
- (4) Bamboo snake

156. Pearson's Skewness Coefficient is given by :

- (1) Mean-Mode/SD
- (2) Mode-Mean/SD
- (3) SD/Mean-Median
- (4) SD/Median-Mean

157. In a test of significance, P value is 0.023 the observed difference in study can be considered as :

- (1) Null hypothesis accepted and the study is rejected
- (2) Null hypothesis rejected and the study is accepted
- (3) Null hypothesis accepted and the study is accepted
- (4) Null hypothesis rejected and the study is also rejected

158. Which is the best method to compare the results obtained by a new test and a gold standard test ?

- (1) Correlation study
- (2) Regression study
- (3) Bland and Altman analysis
- (4) Kolmogorov-Smirnov test

159. The parameters of sensitivity and specificity are used for assessing :

- (1) Criterion validity
- (2) Construct validity
- (3) Discriminant validity
- (4) Content validity

160. LJ chart is used for :

- (1) Accuracy
- (2) Precision
- (3) Odds
- (4) Likelihood ratio

161. If a 95% Confidence Interval for prevalence of Cancer in Smokers aged > 65 years is 56% to 76%, the chance that the prevalence could be less than 56% is :

- (1) Practically NIL
- (2) 44%
- (3) 2.5%
- (4) 5%

162. Publication bias is overcome and checked by

- (1) Funnel plot
- (2) Cochran's Q test
- (3) Forest plot
- (4) I^2 statistics

163. Gantt chart was devised in 1910 by

- (1) Virgil Gantt
- (2) Mari Jane Gantt
- (3) Henry Laurence Gantt
- (4) Frederick W. Talyor

164. For non-normal distribution following conditions is applicable

- (1) Spearman's rank correlation coefficient
- (2) Pearson's correlation coefficient
- (3) Correlation of determination
- (4) Multiple correlation coefficient

165. There has been a gradual increase in number of cases of Non communicable diseases as compared to previous year. This trend is called as

- (1) Secular
- (2) Cyclical
- (3) Seasonal
- (4) Periodical

166. The annual report of MAX Hospital for the year 2006 shows 200 cases of Myocardial Infarction, 35 cases of Cholecystitis, 105 cases of Pneumonia and 350 cases of Acute Gastroenteritis. The result of this report cannot be generalized on the total population of Gurugram on account of

- (1) Confounding bias
- (2) Unacceptability bias
- (3) Interviewer's bias
- (4) Berksonian bias

167. Gold standard study for Clinical research is

- (1) Systematic meta-analysis
- (2) Randomised controlled trials
- (3) Ecological study
- (4) Retrospective cohort study

168. According to ICMR the 'Cereals and pulses' requirement for a sedentary strict vegetarian male is ?

- (1) 200 and 50 grams
- (2) 300 and 60 grams
- (3) 460 and 40 grams
- (4) 560 and 50 grams

169. Which one of the following is NOT used in testing for adequate pasteurization of milk ?

- (1) Phosphatase test
- (2) Coliform count
- (3) Standard plate count
- (4) Methylene blue reduction test

170. Human's breast milk is essential for the newborn as it contains :

- (1) Linoleic acid
- (2) Linolenic acid
- (3) Docosahexanoic acid
- (4) Arachidonic acid

171. Food standards in India have to achieve a minimum level of quality under :

- (1) Codex Alimentarius
- (2) Bureau of Indian Standards
- (3) Agmark standards
- (4) PFA standards



172. Food standards in India are based on the standards of the
- (1) Codex Alimentarius
 - (2) PFA standards
 - (3) The AGMARK standards
 - (4) Bureau of Indian Standards
173. Prudent diet is :
- (1) Diet for dietary goal achievement
 - (2) Diet, which contains variety of foods to safe guard from deficiencies
 - (3) Diet on which a person or group lives
 - (4) Diet, which fulfils recommended daily allowances
174. Father of Nutrition
- (1) Antoine Lavoisier
 - (2) Gerhard Henrik
 - (3) Ambroise Pare
 - (4) James Lind
175. Achronic alcoholic was complaining of loss of appetite and pain in lower legs, on examination had ataxia. He is suffering from deficiency of
- (1) Niacin
 - (2) Thiamine
 - (3) Riboflavin
 - (4) Pantothenic acid
176. Carbon Emission in India is
- (1) 2 metric tons/person/year
 - (2) 1.8 metric tons/person/year
 - (3) 1.7 metric tons/person/year
 - (4) 2.2 metric tons/person/year
177. The concept of evidence based health by integrating science based interventions with community preferences to improve health of the people was given by
- (1) Prof. Alan Lopez
 - (2) Prof Ashley Bush
 - (3) Dr. Richard Doll
 - (4) Milos Jenicek
178. Special New Born Care Unit should be set up in a facility with deliveries
- (1) >3500 per year
 - (2) >2000 per year
 - (3) >2500 per year
 - (4) >3000 per year
179. National Action Plan to combat Antimicrobial Resistance was introduced in the
- (1) 2019
 - (2) 2017
 - (3) 2016
 - (4) 2018
180. Scabies, an infection of the skin caused by *Sarcoptes scabiei*, is an example of :
- (1) Water borne disease
 - (2) Water washed disease
 - (3) Water based disease
 - (4) Water related disease

रफ कार्य के लिए स्थान / SPACE FOR ROUGH WORK

