

To be filled by the candidate)

Booklet S. No. _____

Roll No. (In figures) _____

Roll No. (In words) _____

Name of the Candidate : _____

Father's Name : _____

Center of Examination : _____

Total No. of Questions : 50

Paper Code-2604

**Name of Examination- Senior Resident/Specialist Tutor Entrance 2026
Specialty-Community Medicine**

Time Allowed : 90 Minutes

Maximum Marks : 200

IMPORTANT NOTE:

- (i) OMR Answer Sheet will be supplied by the Examination Centre Superintendent for answering the questions.
- (ii) Use **Blue/Black Ink/ Ball Pen only**, to darken the appropriate circle in the OMR Answer Sheet.
- (iii) Darken one circle deeply for each question in the OMR Answer Sheet, as faintly darkened circle might be rejected by the Optical Scanner.
- (iv) Darkening of more than one circle shall be rejected by the scanner. **Over-writing, cutting, erasing or use of White Fluid is not allowed.**
- (v) Before dealing with the question paper, fill-up the required information with Blue/Black Ball Pen correctly both in the Question Booklet and in the OMR Answer Sheet.
- (vi) Do not fold the OMR Answer Sheet nor put any mark here and there to avoid rejection by the Optical Scanner.
- (vii) Write Roll. No. carefully on the OMR Answer Sheet and darken the appropriate circle properly.
- (viii) **Each question carries Four Marks while 1 mark shall be deducted for each incorrect response.**
- (ix) **Use of Calculator is not allowed.**
- (x) **No over-writing, cutting, erasing or use of white fluid is allowed.**
- (xi) Rough work be done on the sheet(s) at the end.
- (xii) **MOBILE TELEPHONES (EVEN ON SWITCH-OFF MODE) AND SUCH OTHER ELECTRONIC DEVICES ARE NOT ALLOWED INSIDE THE EXAMINATION HALL.**
- (xiii) The question paper-booklet will be retained by the candidate after the entrance test is over.

Q1. A Senior Resident (SR) had an accidental prick from the needle used for Hepatitis B positive patient. Anti HBs value of that SR was found to be 73 mIU/L.

Next line of management will be:

- (a) 1 dose of HBIG and be revaccinated as soon as possible
- (b) 1 dose of HBIG and 1 dose of Hepatitis B vaccine
- (c) 1 dose of Hepatitis B vaccine
- (d) No post-exposure HBV management is necessary.

Ans: (d) No post-exposure HBV management is necessary.

Q2. The period of communicability of Tetanus is:

- (a) 7 days
- (b) 21 days
- (c) 14 days
- (d) None

Ans: (d) None

Q3. As per Biomedical waste management guidelines, 14G sized Foley's catheter after use is expected to be discarded into:

- (a) White container
- (b) Red bag
- (c) Yellow bag
- (d) Blue bag

Ans: (b) Red bag

Q4. Which of the following is a Non – parametric statistical test?

- (a) ANOVA test
- (b) Person's test
- (c) Student's test
- (d) Friedman test

Ans: (d) Friedman test

Q5. Sullivan's Index

- (a) Measures life expectancy
- (b) Measures life years adjusted with death
- (c) Measures life expectancy free of disability
- (d) Measures disability

Ans: (c) Measures life expectancy free of disability

Q6. Nosocomial infections are those which develop:

- (a) Within 48 hours after hospitalization
- (b) Within 24 hours of hospitalization
- (c) After 48 hours of hospitalization
- (d) After 7 days of hospitalization

Ans: (c) After 48 hours of hospitalization

Q7. Hypothesis in the study is not tested by

- (a) Descriptive studies
- (b) Analytical studies

(c) Cohort studies

(d) Case control studies

Ans: (a) Descriptive studies

Q8. Whispering between two emotionally attached adults produces a sound of:

(a) 20-30 dB

(b) 40-50 dB

(c) 30-40 dB

(d) 50-60 dB

Ans: (a) 20-30 dB

Q9. A test has high false positive rate in a community. True about the test is:

(a) Low prevalence

(b) High prevalence

(c) High Sensitivity

(d) High Specificity

Ans: (c) High Sensitivity

Q10. A 14-year-old child with unprovoked Dog bite (Grade II) comes to you on 4th day of the bite. Appropriate action is:

(a) Kill the dog and send brain for biopsy.

(b) Give cell culture derived vaccine

(c) No further action is necessary

(d) Withhold vaccine and observe dog for 10 days

Ans: (b) Give cell culture derived vaccine

Q11. WHO defines blindness if the visual acuity is less than:

(a) 3/60

(b) 18/38

(c) 6/6

(d) 9/60

Ans: (a) 3/60

Q12. Haddon matrix in medical field is related to:

(a) Communicable diseases

(b) Hypertensive disorders

(c) Maternal and child mortality

(d) Injury prevention

Ans: (d) Injury prevention

Q13. A second gravida in early pregnancy comes to you with Copper-T in situ with visible threads. Treatment of choice is:

(a) Remove CuT only

(b) Laparotomy

(c) Reassurance and continue pregnancy

(d) Suction evacuation with Copper-T removal

Ans: (a) Remove CuT only

Q 14. Which of the following is not included in National Mental Health Programme, 1982?

- (a) Community participation in mental health service development
- (b) Application of mental health knowledge in general health care
- (c) Human rights of mentally ill
- (d) Minimum mental health care for all

Ans: (c) Human rights of mentally ill

Q15. Casal's Necklace is commonly seen in the deficiency of:

- (a) Vitamin C
- (b) Vitamin B
- (c) Vitamin D
- (d) Vitamin A

Ans: (b) Vitamin B

Q16. Right of consumers in Consumer Protection Act are all except

- (a) Right to choose
- (b) Right of information
- (c) Right to safety
- (d) Right to reject

Ans: (d) Right to reject

Q17. Effective literacy rate in India is calculated from:

- (a) Those above age of 7 years
- (b) Those who have completed 10 year schooling
- (c) Total population

- (d) Those who have completed 15 year schooling

Ans: (a) Those above age of 7 years

Q18. Births in India must be legally registered within:

- (a) 14 days
- (b) 7 days
- (c) 21 days
- (d) 1 month

Ans: (c) 21 days

Q19. Mini-pill available in Indian market contains

- (a) Only progesterone in small quantity
- (b) Progesterone and estrogen
- (c) Estrogen
- (d) Estrogen in small quantity and progesterone in large quantity

Ans: (a) Only progesterone in small quantity

Q20. Which of the following contraceptive would you advise to a newly married healthy couple of age between 23 to 25 years?

- (a) Barrier method
- (b) Natural methods
- (c) Oral contraceptive pills
- (d) IUCD

Ans: (c) Oral contraceptive pills

Q21. The daily extra calorie requirement for a 29 year old primigrada during first trimester is:

- (a) 350 cal
- (b) 150 cal
- (c) 450 cal
- (d) 50 cal

Ans: (b) 150 cal

Q22. The transmission of filariasis by a mosquito is an example of:

- (a) Propagative transmission
- (b) Cyclo-propagative transmission
- (c) Cyclo-developmental transmission
- (d) Cyclical transmission

Ans: (c) Cyclo-developmental transmission

Q23. Height of a Newborn in Himachal Pradesh doubles by the age of

- (a) 5 months
- (b) 5 year
- (c) 4 years
- (d) 1 year

Ans: (c) 4 years

Q24. Ujjwala Scheme by Govt. of India include all except:

- (a) Repatriation
- (b) Rehabilitation
- (c) Remuneration

(d) Rescue

Ans: (c) Remuneration

Q25. Limiting amino acids in Cereals & Pulses respectively are:

- (a) Lysine & Threonine
- (b) Threonine & Methionine
- (c) Lysine & Cysteine
- (d) Lysine & Methionine

Ans: (d) Lysine & Methionine

Q26. The analytical epidemiological study where population is the unit of study is:

- (a) Cohort
- (b) Ecological
- (c) Case-control
- (d) Cross-sectional

Ans: (b) Ecological

Q27. The best parameter for assessment of chronic malnutrition in growing children is:

- (a) Weight for height
- (b) Weight for age
- (c) Height for age
- (d) Any of the above

Ans: (c) Height for age

Q28. Reduviid bug is a vector for the transmission of:

- (a) Scrub typhus
- (b) Lyme's disease
- (c) Relapsing fever
- (d) Chagas' disease

Ans: (d) Chagas' disease

Q29. As compared to Cow's milk, human breast milk has:

- (a) Less of Vitamins
- (b) Less carbohydrates
- (c) More iron
- (d) More proteins

Ans: (c) More iron

Q30. "The medical discovery of 20th century" is:

- (a) Penicillin
- (b) Smallpox vaccine
- (c) ORS for diarrheal disease
- (d) Zidovudine for AIDS treatment

Ans: (c) ORS for diarrheal disease

Q31. Integrated Child Development Services Scheme in Himachal Pradesh does not cover

- (a) Health education
- (b) Formal education
- (c) Nutritional supplementation

(d) Immunization

Ans: (b) Formal education

Q32. Inner subjective thought of a person towards an individual or a situation is best described as:

- (a) Value
- (b) Attitude
- (c) Belief
- (d) Opinion

Ans: (c) Belief

Q33. Family, which lags behind rest of the community, is known as:

- (a) Elementary family
- (b) Communal family
- (c) Problem family
- (d) Broken family

Ans: (c) Problem family

Q34. The 'Nirbhaya Fund' set up by the Government of India is for

- (a) Ensuring the safety of women
- (b) Promoting Self-Help Groups of women
- (c) Promoting the financial literacy of rural poor
- (d) Providing free education

Ans: (a) Ensuring the safety of women

Q 35. Temporary hardness of water is due to the presence of:

- (a) Bicarbonates of calcium and magnesium
- (b) Chlorides of calcium and magnesium
- (c) Oxides of calcium and magnesium
- (d) Nitrates of calcium and magnesium

Ans: (a) Bicarbonates of calcium and magnesium

Q36. Soiling index is a measure of:

- (a) Water pollution
- (b) Soil pollution
- (c) Noise pollution
- (d) Air pollution

Ans: (d) Air pollution

Q37. Mosquitoes that breed in dirty water collections are:

- (a) Aedes
- (b) Culex
- (c) Anopheles
- (d) Mansonia

Ans: (b) Culex

Q38. Test for the assessment of recent contamination of water is

- (a) Ammonia
- (b) Nitrites
- (c) Nitrates
- (d) Chlorides

Ans: (b) Nitrites

Q39. Dental fluorosis is best seen by a clinician in:

- (a) Canines
- (b) Central Incisors & 1st Molars
- (c) 1st & 2nd Molars
- (d) Central & Lateral Incisors

Ans: (b) Central Incisors & 1st Molars

Q40. The distance from airport or seaport which has to be kept free from aedes mosquitoes is:

- (a) 400 m
- (b) 100 m
- (c) 1 km
- (d) 500 m

Ans: (a) 400 m

Q41. True about triage in a man-made disaster is:

- (a) Red- morbidity
- (b) Yellow-least priority
- (c) Green- ambulatory
- (d) Blue- dead cases

Ans: (c) Green-ambulatory

Q42. Bagassosis can be prevented by spraying:

- (a) 5% acetic acid

- (b) 10% acetic acid
- (c) 1% propionic acid
- (d) 2% propionic acid

Ans: (d) 2% propionic acid

Q43. All are occupational cancers except:

- (a) Lungs ca
- (b) Bladder ca
- (c) Liver ca
- (d) Breast ca

Ans: (d) Breast ca

Q44. Hardy Weinberg law is related to:

- (a) Eugenics
- (b) Human genome project
- (c) Population genetics
- (d) Gene therapy

Ans: (c) Population genetics

Q45. Following are the components of District Mental Health Program except:

- (a) Record keeping
- (b) Public awareness
- (c) Training
- (d) Screening

Ans: (d) Screening

Q46. Punnett's square is used for:

- (a) Test of significance
- (b) Statistical analysis

- (c) Predicting the genotype of offspring
- (d) Random sampling

Ans: (c) Predicting the genotype of offspring

Q47. 'Cafeteria approach' in public health is related with

- (a) Child and maternal health
- (b) Diet program
- (c) National vector borne disease control program
- (d) Contraception

Ans: (d) Contraception

Q48. PERT is a technique used for:

- (a) Network Analysis
- (b) Input-Output Analysis
- (c) Cost-effective Analysis
- (d) System Analysis

Ans: (a) Network Analysis

Q49. Emporiatics refers to the study of:

- (a) Air pollution
- (b) Occupational disease
- (c) Environmental factor
- (d) Health of travelers

Ans: (d) Health of travelers

Q50. Not true about Chi-square test is:

- (a) Tells about presence or absence of an association between two variables

- (b) Tests the significance of difference between two proportions
- (c) Directly measures the strength of association
- (d) Can be used when more than two groups are to be compared

Ans: (c) Directly measures the strength of association

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