

APPNA Institute of Public Health (AIPH)  
Jinnah Sindh Medical University, Karachi

*Admission Test: Practice Questions*

*Section A: Basic Concepts of Pubic Health-25 Questions*

1. Immunization is part of:

- a) **Primary prevention**
- b) Secondary Prevention
- c) Tertiary Prevention
- d) None of the above

2. BCG vaccine is administered through:

- a) **Intradermal injection**
- b) Intramuscular injection
- c) Intrathecal injection
- d) Subcutaneous injection

3. The most common form of spread of Hepatitis C is through:

- a) **Blood transfusion**
- b) Faeco-oral route
- c) Mosquito bites
- d) Respiratory Droplets

4. Person who harbors the micro-organisms of a disease and excretes them without himself suffering from symptoms disease is a:

- a) Agent
- b) **Carrier**
- c) Host
- d) Reservoir

5. Oral Rehydration solution,

- a) Prevents Diarrhea
- b) **Prevents dehydration**
- c) Reduces frequency of stools
- d) Stops diarrhea

6. Main cause of death in children of 1 to 5 years of age is:
- a) Chicken pox
  - b) Measles
  - c) **Pneumonia**
  - d) Polio
7. After monsoon rains, a child in a slum of Karachi reports to a health center with complaints of fever, severe headache, pain in bones and weakness. The doctor also noticed red patches on skin. The parent gives history of mosquito bites few days back. Probable diagnosis is:
- a) **Dengue**
  - b) Leishmaniasis
  - c) Malaria
  - d) Yellow Fever
8. Oral Polio vaccine is:
- a) A conjugated vaccine
  - b) **A live attenuated vaccine**
  - c) An inactivated vaccine
  - d) A Subunit vaccine
9. Other than Pakistan, which other country is still unable to completely eradicate Polio?
- a) **Afghanistan**
  - b) Bangladesh
  - c) India
  - d) Nepal
10. Which of the following infections may lead to cancer?
- a) Cholera
  - b) **Hepatitis B**
  - c) Measles
  - d) Typhoid
11. HIV is transmitted through:
- a) Coughing and sneezing
  - b) **Sharing of contaminated needles**
  - c) Sharing toilet seats
  - d) Swimming in the same pool

12. Dependency ratio is the ratio of:

- a) Males to children
- b) Males to those who are economically non-active
- c) Population who are economically active to females
- d) Population who are economically active to those who are economically non-active

**(For next three questions case starts)**

13. A lady comes to your clinic with the concern that she is worried about her weight which might lead to health issues. She weighs around 60 kg and her height is 1.64 meter. Her BMI is:

- a) 26.4 kg/m<sup>2</sup>
- b) 23.9 kg/m<sup>2</sup>
- c) 22.4 kg/m<sup>2</sup>
- d) 18.1 kg/m<sup>2</sup>

14. According to her BMI she is:

- a) Normal
- b) Obese grade I
- c) Overweight
- d) Under weight

15. Her management includes:

- a) Encourage her for gaining more weight
- b) Fluid Diet with exercise
- c) Reassure her and encourage a balanced diet
- d) Restriction of fat and carbohydrates

17. Fluoride deficiency in water may lead to:

- a) Anemia
- b) Dental caries
- c) Goiter
- d) Rickets

18. Most common source of iodine in a man's diet is:

- a) Dairy products
- b) Meat
- c) Sea Food
- d) Water

19. A couple had unprotected intercourse 1 day back, they don't want a pregnancy, so they go to the nearby clinic and requested help. The most suitable method at this time is:

- a) Emergency contraceptive pills
- b) Injection
- c) Intra Uterine Contraceptive Device
- d) Norplant

20. In a community of young child bearing females, you are doing a campaign on breast feeding practices. How much duration would you suggest for exclusive breast feeding?

- a) 2-3 months
- b) 5-6 months
- c) 7-8 months
- d) 9-10 months

21. Most common source of iodine in a man's diet is:

- e) Dairy products
- f) Meat
- g) Sea Food
- h) Water

22. Which of the following is called as poor man's meat?

- a) Milk
- b) Pulses
- c) Rice
- d) Wheat

23. A child comes to you with complain of bowing of legs and stunted growth since 8 months, he belongs to a low income family and lives in a congested area. Which nutrient deficiency do you suspect in this patient?

- a) Folic acid
- b) Iron
- c) Vitamin C
- d) Vitamin D

24. Which one of the following is not the preventive measure of heat stroke?

- a) Use of tight and dark colored cloths
- b) Frequent intake of drinking water
- c) Common salt use may be increased
- d) Frequent bathing

25. Which one of the following is not a natural disaster?

- a) Cyclone
- b) Earthquake
- c) Flood
- d) Train crash

**Section B: Arithmetic and Verbal Reasoning- 25 Questions**

1. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago?
  - a) 71 years
  - b) 72years
  - c) 74 years
  - d) 77 years
  
2. 12 year old Manick is three times as old as his brother Rahul. How old will Manick be when he is twice as old as Rahul ?
  - a) 14 years
  - b) 16 years
  - c) 18 years
  - d) 20 years
  
3. In a city, 40% of the adults are illiterate while 85% of the children are literate. If the ratio of the adults to that of the children is 2 : 3, then what percent of the population is literate?
  - a) 20%
  - b) 25%
  - c) 50%
  - d) 75%
  
4. A shepherd had 17 sheep. All but nine died. How many was he left with ?
  - a) Nil
  - b) 8
  - c) 9
  - d) 17
  
5. A man complete a journey in 10 hours. He travels first half of the journey at the rate of 21 km/hr and second half at the rate of 24 km/hr. Find the total journey in km:
  - a) 220
  - b) 225
  - c) 230
  - d) 235

6. What number must be added to 6, 16 and 8 to get an average of 13?
- a) 22
  - b) 25
  - c) 20
  - d) 18
7. Find the next term in the series: 3,6, 9, 18, 27, 54,.....
- a) 81
  - b) 69
  - c) 108
  - d) 72
8. A school has enough food for 400 children for 12 days. How long will the food last if 80 more children join them?
- a) 7
  - b) 8
  - c) 9
  - d) 10
9. A person lost 10% when he sold goods at Rs.153. For how much should he sell them to gain 20%
- a) 240
  - b) 204
  - c) 250
  - d) 232
10. A candidate appearing for an examination has to secure 40% marks to pass paper I. But he secured only 40 marks and failed by 20 marks. What is the maximum mark for paper I?
- a) 100
  - b) 150
  - c) 180
  - d) 200
11. A can type 10 pages in 5 minutes. B can type 5 pages in 10 minutes. Working together, how many pages can they type in 30 minutes?
- a) 15
  - b) 25
  - c) 65
  - d) 75

12. Find the missing number in the following series:

89 75 63 53 45 ?

- a) 35
- b) 37
- c) 39
- d) 43

13. Find the appropriate matching word

Cricket : Pitch

- a) Ship:Dock
- b) Boat: Harbor
- c) Boxing: Ring
- d) Wrestling: Track

14. Find the odd one out

- a) Debit
- b) Deduction
- c) Deposit
- d) Withdraw

15. Choose the word which is most nearly the SAME in meaning for TRANSITIONAL

- a) Extreme
- b) Intermediate
- c) Revolutionary
- d) Changed

16. Choose the word which is most nearly the OPPOSITE in meaning for ACCORDANCE

- a) Conflict
- b) Enmity
- c) Quarrel
- d) Division

17. Since the officer was overburdened with work, her colleague decided to:

- a) Giving hands
- b) Give her a hand
- c) Giving her handful
- d) Gave her hands

18. Despite having passed out from school over ten years back, most schoolmates \_\_\_\_\_ with each other.
- a) **Had kept in touch**
  - b) Keep touched
  - c) Is keeping touch
  - d) Are kept touch
19. Fill up the blanks picking from the choices:  
We are \_\_\_\_ to have him \_\_\_\_\_ here to make this function a great success
- a) **Pleased, over**
  - b) Sure, come
  - c) Wonderful, again
  - d) Happy, arrive
20. Replace the highlighted words with appropriate ones:  
We must take it granted that he will not come for today's function
- a) Have it granted
  - b) Took it as granted
  - c) Taking it granted
  - d) **Take it for granted**
21. Pick up the synonymous word from the highlighted word in the sentence  
After the dismal show the captain resigned
- a) Short
  - b) Minimum
  - c) Sorrowful
  - d) **Poor**
22. Correct the highlighted error  
In these circumstances, they will not be able to meet the assign target to them.
- a) Targeted assignment
  - b) **Assigned target**
  - c) Assigning of target
  - d) Target assigned
23. Complete the sentence:  
My friend is really good ---cricket
- a) On
  - b) **At**
  - c) In
  - d) Over

24. Complete the sentence:

We admire -----the summit in such a bad weather

- a) Him attempting to climb
- b) His attempt of climb
- c) Him for attempt of climb
- d) His for attempt to climbing

25. Complete the sentence:

Neither any of the members of the society nor the Chairman ----- the annual meeting

- a) Were present at
- b) Was present for
- c) Have been present
- d) Has been present for