

# UMT Entry Test Sample

## BS Health Science Programs Sample Test

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Name: \_\_\_\_\_ Program: \_\_\_\_\_  
Reference No: \_\_\_\_\_ Mobile No: \_\_\_\_\_

Total Marks: 60    Time Allowed: 60 minutes    Each Question = 1 Mark

### Section A – English (15 Questions)

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1. The synonym of "brave" is:

- a) Timid
- b) Courageous
- c) Weak
- d) Nervous

2. The antonym of "expand" is:

- a) Grow
- b) Contract
- c) Stretch
- d) Increase

3. Choose the correctly spelled word:

- a) Neccessary
- b) Necessary
- c) Necesary
- d) Neccesary

4. Choose the correct sentence:

- a) He don't like coffee.
- b) He doesn't like coffee.
- c) He not like coffee.
- d) He isn't liking coffee.

5. The idiom "to spill the beans" means:

- a) To cook a meal
- b) To reveal a secret
- c) To waste food
- d) To make a mess

6. Choose the correct preposition: She is afraid \_\_\_\_ spiders.

- a) of
- b) from
- c) with
- d) at

7. Identify the part of speech of the underlined word: "He ran quickly."

- a) Noun
- b) Verb
- c) Adverb
- d) Adjective

8. Choose the passive voice of: "She wrote the letter."

- a) The letter wrote her.
- b) The letter was written by her.
- c) The letter is written by her.
- d) The letter has written by her.

9. Choose the correct past tense of 'go':

- a) goes
- b) going
- c) went
- d) gone

10. The superlative degree of "tall" is:

- a) Taller
- b) Tallest
- c) More tall
- d) Most tall

11. One word for "a person who paints pictures":

- a) Sculptor
- b) Artist
- c) Author
- d) Musician

12. Choose the correct article: He studies at \_\_\_\_ university.

- a) a
- b) an
- c) the
- d) no article

13. Complete the analogy: Pen : Write :: Knife : \_\_\_\_

- a) Sharp
- b) Cut
- c) Kitchen
- d) Metal

14. Choose the correct conditional: If I study hard, I \_\_\_\_ pass.

- a) will
- b) would
- c) had
- d) am

15. Identify the figure of speech: "Time is money."

- a) Simile
- b) Metaphor
- c) Personification
- d) Alliteration

## Section B – Mathematics (10 Questions)

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16. What is 15% of 200? \_\_\_\_\_
17. A sum of Rs. 2,000 is invested at 4% simple interest for 3 years. Calculate the interest. \_\_\_\_\_
18. The ratio of two numbers is 4:5. If the smaller number is 20, find the larger number. \_\_\_\_\_
19. Solve for x:  $3x - 5 = 16$  \_\_\_\_\_
20. Find the square root of 169. \_\_\_\_\_
21. If  $x = 4$ , find the value of  $3x - 2$ . \_\_\_\_\_
22. Simplify:  $3^2 \times 2$  \_\_\_\_\_
23. Find the average of 10, 20, and 30. \_\_\_\_\_
24. Find the LCM of 4 and 5. \_\_\_\_\_
25. A bus travels at 50 km/h for 3 hours. Find the distance covered. \_\_\_\_\_

## Section C – General Knowledge (10 Questions)

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26. Which is the largest city of Pakistan by population?

- a) Lahore
- b) Karachi
- c) Faisalabad
- d) Islamabad

27. The Badshahi Mosque is located in:

- a) Karachi
- b) Multan
- c) Lahore
- d) Peshawar

28. Which is the longest river in Pakistan?

- a) Jhelum
- b) Chenab
- c) Ravi
- d) Indus

29. Who was the first Prime Minister of Pakistan?

- a) Liaquat Ali Khan
- b) Quaid-e-Azam
- c) Ayub Khan
- d) Zulfiqar Ali Bhutto

30. The provincial capital of Sindh is:

- a) Hyderabad
- b) Karachi
- c) Sukkur
- d) Larkana

31. UN stands for:

- a) United Nations
- b) United Nationalities
- c) Unified Nations
- d) United Newstates

32. One Pakistani rupee is divided into 100:

- a) Cents
- b) Paisas
- c) Dimes
- d) Annas

33. Which desert is located in Pakistan?

- a) Sahara
- b) Gobi
- c) Thar
- d) Kalahari

34. The national tree of Pakistan is:

- a) Deodar
- b) Oak
- c) Pine
- d) Banyan

35. Which of these is a neighboring country of Pakistan?

- a) Iran
- b) Turkey
- c) Egypt
- d) Iraq

## Section D – Analytical Reasoning (10 Questions)

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36. Series: 10, 20, 30, 40, \_\_\_\_\_

37. Series (Fibonacci): 1, 1, 2, 3, 5, \_\_\_\_\_

38. If FISH is coded as GJTI, how is BIRD coded? \_\_\_\_\_

39. Which does not belong: Square, Circle, Triangle, Apple \_\_\_\_\_

40. Find the missing number: 3, 6, 9, 12, \_\_\_\_\_

41. If 6 pens cost Rs. 60, how much do 10 pens cost? \_\_\_\_\_

42. A is the father of B. B is the father of C. How is A related to C? \_\_\_\_\_

43. Complete the analogy: Water : Drink :: Bread : \_\_\_\_\_

44. If today is Monday, what day will it be after 3 days? \_\_\_\_\_

45. Which of these numbers is prime: 21, 22, 23, 24? \_\_\_\_\_

## Section E – Biology (15 Questions)

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46. Which organ produces insulin?

- a) Liver
- b) Pancreas
- c) Kidney
- d) Stomach

47. A deficiency of Vitamin C causes:

- a) Rickets
- b) Scurvy
- c) Night blindness
- d) Anemia

48. How many bones are there in an adult human body?

- a) 196
- b) 206
- c) 216
- d) 226

49. The functional unit of the kidney is called:

- a) Neuron
- b) Nephron
- c) Alveolus
- d) Villus

50. Which blood group is known as the universal donor?

- a) AB positive
- b) O positive
- c) O negative
- d) A negative

51. Which part of the brain controls balance and coordination?

- a) Cerebrum
- b) Cerebellum
- c) Medulla
- d) Hypothalamus

52. The normal human body temperature is approximately:

- a) 96.6°F
- b) 97.6°F
- c) 98.6°F
- d) 99.6°F

53. A deficiency of Vitamin D commonly causes:

- a) Scurvy
- b) Rickets
- c) Anemia
- d) Goiter

54. The process of cell division for growth and repair is called:

- a) Meiosis
- b) Mitosis
- c) Fertilization
- d) Osmosis

55. Which gland is known as the 'master gland' of the body?
- a) Thyroid
  - b) Adrenal
  - c) Pituitary gland
  - d) Pancreas
56. Which blood vessel carries oxygenated blood from the lungs to the heart?
- a) Pulmonary artery
  - b) Pulmonary vein
  - c) Aorta
  - d) Vena cava
57. Which organ is primarily responsible for detoxifying harmful substances in the body?
- a) Kidney
  - b) Liver
  - c) Spleen
  - d) Pancreas
58. Enzymes in the human body are primarily made up of:
- a) Carbohydrates
  - b) Fats
  - c) Proteins
  - d) Vitamins
59. The average resting pulse rate for a healthy adult is about:
- a) 40–50 bpm
  - b) 60–100 bpm
  - c) 110–130 bpm
  - d) 140–160 bpm
60. Which part of the eye controls the amount of light entering it?
- a) Retina
  - b) Cornea
  - c) Iris
  - d) Lens

— *End of Sample Test* —