



MUHAMMAD AYUB INSTITUTE OF INNOVATION AND TECHNOLOGY

DIT SCHOLARSHIP TEST (MCQs)

Total Questions: 50
Total Marks: 100
Time Allowed: 60 Minutes

Name : _____
Roll Number: _____
Contact No: _____

Instructions for Candidates

1. This test is conducted for the selection of intelligent and deserving students for the Diploma in Information Technology (DIT) Scholarship Program.
2. The question paper consists of 50 Multiple Choice Questions (MCQs).
3. Each question carries 2 mark and there is no negative marking.
4. The time allowed is 60 minutes. No extra time will be given under any circumstances.
5. Write the correct option (A/B/C/D) in the box provided for each question.
6. Use blue or black ballpoint pen only to fill the box.
7. Mobile phones, calculators, smart watches, or any electronic devices are strictly prohibited in the examination hall.
8. Any form of cheating, misconduct, or use of unfair means will result in immediate disqualification.
9. Candidates are advised to read each question carefully before answering.
10. Scholarship selection will be based purely on merit, performance, and financial need.
11. In case two or more candidates obtain equal marks, the final decision will be made through an interview.
12. The decision of the Academy / Scholarship Committee shall be final and non-challengeable.

1. Find the missing number:

2, 6, 12, 20, ____

- A) 28
- B) 30
- C) 32
- D) 36

3. Which number is the odd one out?

9, 16, 25, 36, 49, 63

- A) 25
- B) 36
- C) 49
- D) 63

5. Find the next letter:

A, D, G, J, ____

- A) K
- B) M
- C) N
- D) P

7. Find the missing number:

5, 10, 20, 40, ____

- A) 60
- B) 70
- C) 80
- D) 90

9. Complete analogy:

Eye : See :: Ear : ____

- A) Speak
- B) Hear
- C) Smell
- D) Touch

11. A is the mother of B. B is the sister of C. How is A related to C?

- A) Aunt
- B) Mother
- C) Sister
- D) Grandmother

13. A man walks 10 m north then 5 m south. Where is he now from starting point?

- A) 5 m North
- B) 5 m South
- C) 15 m North
- D) Same place

2. Find the missing number:

7, 14, 28, 56, ____

- A) 84
- B) 98
- C) 112
- D) 120

4. Complete the analogy:

Pencil : Write :: Knife : ____

- A) Cut
- B) Eat
- C) Draw
- D) Sharp

6. If SOUTH is written as HTUOS, then NORTH is written as:

- A) HTRON
- B) HTRNO
- C) HTORN
- D) HTNOR

8. If PEN = 35, BOOK = 57, then COPY = ?

- A) 60
- B) 67
- C) 70
- D) 75

10. If CAT = 3120 (3-1-20), then DOG = ?

- A) 4-15-7
- B) 4-16-7
- C) 5-15-8
- D) 4-15-6

12. If Z is the son of Y and Y is the daughter of X, how is X related to Z?

- A) Mother
- B) Grandparent
- C) Aunt
- D) Sister

14. If yesterday was Monday, what day will it be tomorrow?

- A) Tuesday
- B) Wednesday
- C) Thursday
- D) Sunday

15. A is taller than B, B taller than C. Who is shortest?

- A) A
B) B
C) C
D) Cannot say

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17. Ahmed faces east, turns right then right again. Which direction now?

- A) West
B) North
C) South
D) East

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19. A train covers 60 km in 1 hour. How much distance in 45 minutes?

- A) 40 km
B) 45 km
C) 50 km
D) 55 km

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21. Find next number:

1, 1, 2, 3, 5, 8, __

- A) 11
B) 12
C) 13
D) 15

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23. Mirror image logic:

If "<" becomes ">", then "<" becomes:

- A) >
B) <
C) .
D) -

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25. Mirror logic:

If "b" mirror becomes "d", then "p" mirror becomes:

- A) q
B) b
C) d
D) p

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27. If 3 cats catch 3 rats in 3 minutes, how long for 100 cats to catch 100 rats?

- A) 3 min
B) 33 min
C) 100 min
D) 1 min

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29. Find the odd figure:

● ● ● ○ ●

- A) 1st
B) 3rd
C) 4th
D) 5th

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31. Fill in the blank:

She insisted __ paying the bill.

- A) on
B) at
C) for
D) in

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33. Choose correct article:

She bought __ umbrella.

- A) a
B) an
C) the
D) no article

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35. Choose correct tense:

She __ here since morning.

- A) is
B) was
C) has been
D) had been

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16. If all cats are animals and some animals are black, are all cats black?

- A) Yes
B) No
C) Maybe
D) Cannot say

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18. A number increased by 20% becomes 120. What is the number?

- A) 80
B) 90
C) 100
D) 110

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20. Find the average of 10, 20, 30, 40, 50:

- A) 25
B) 30
C) 35
D) 40

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22. Find the missing figure:

○ → ● → ● → __

- A) ●
B) ○
C) ○
D) ●

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24. Direction pattern:

→ → ↓ → → ↓ → → __

- A) ↓
B) ←
C) ↑
D) →

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26. Complete series:

Z, X, V, T, __

- A) R
B) S
C) Q
D) P

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28. Pattern growth:

●, ●, ●●, ●●●, __

- A) ●●●●●
B) ●●●●
C) ●●●●●●
D) ●●

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30. A man facing west turns 90° clockwise. Direction now?

- A) North
B) South
C) East
D) West

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32. Choose correct passive voice:

They completed the work.

- A) Work completed by them.
B) The work was completed by them.
C) The work completed.
D) Work was completing.

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34. Fill in the blank:

He is good __ mathematics.

- A) at
B) in
C) on
D) with

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36. Meaning of "Procrastinate":

- A) Delay work
B) Complete quickly
C) Organize
D) Improve

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37. Choose correct preposition:

He is fond __ music.

- A) off
- B) of
- C) in
- D) on

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39. What is the scientifically accepted age of the Earth?

- A) 2.5 billion years
- B) 3.5 billion years
- C) 4.5 billion years
- D) 6.5 billion years

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

- A) A+
- B) O-
- C) AB+
- D) AB-

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43. Which planet is known as the "Red Planet"?

- A) Venus
- B) Mars
- C) Jupiter
- D) Mercury

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43. The Taj Mahal is located in which Indian city?

- A) Mumbai
- B) Delhi
- C) Agra
- D) Jaipur

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45. The word "Supercalifragilisticexpialidocious" means:

- A) Sad
- B) happy
- C) wonderful
- D) Excited

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47. Who painted the Mona Lisa?

- A) Michelangelo
- B) Leonardo da Vinci
- C) Raphael
- D) Pablo Picasso

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49. The Olympic Games are held every:

- A) 2 years
- B) 3 years
- C) 4 years
- D) 5 years

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38. Correct comparative form:

This book is __ than that one.

- A) good
- B) better
- C) best
- D) more good

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40. Choose correct sentence:

- A) Each of the boys have a book.
- B) Each of the boys has a book.
- C) Each boys has book.
- D) Each boys have a book.

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42. ICC T20 World Cup 2026 is planned to be hosted mainly in:

- A) England & Australia
- B) India & Sri Lanka
- C) UAE & Qatar
- D) Pakistan & Bangladesh

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44. The 2022 FIFA World Cup was hosted by:

- A) Russia
- B) Qatar
- C) Brazil
- D) Germany

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44. Which of the following is considered the "Father of AI"?

- A) Robert Boyle
- B) John McCarthy
- C) Antoine Lavoisier
- D) J.J Thomson

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46. The Great Wall of China was built to protect China from:

- A) Japan
- B) Mongols
- C) India
- D) Russia

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48. The human body's largest organ is:

- A) Heart
- B) Skin
- C) Liver
- D) Lungs

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50. Mount Everest is located in which mountain range?

- A) Alps
- B) Andes
- C) Himalayas
- D) Rockies

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END

RESERVED FOR ROUGH USE: