TALENTCORE GLOBAL LAPTOP SCHOLARSHIP 2026 — PHASE 1

PRACTICE TEST • SAMPLE PAPER

Category C — Secondary (Matric) • Class 9 & 10

Total MCQs	Total marks	Time	Negative marking
75	75	90 minutes	None

IMPORTANT NOTE

This is NOT the original examination paper. It is a sample practice paper prepared only to help students understand the pattern and type of questions. Questions in the real test will be different.

نوٹ: یہ اصل امتحانی پرچہ نہیں ہے۔ یہ صرف مشق کے لیے نمونہ پرچہ ہے تاکہ طلبہ سوالات کی طرز سمجھ سکیں۔ اصل ٹیسٹ کے سوالات مختلف ہوں گے۔

Student name		**Father's name**	
Class	☐9 ☐10	**Roll No**	
School		**Date**	

INSTRUCTIONS / ہدایات

1. All questions are compulsory. Each question carries 1 mark.	تمام سوالات لازمی ہیں۔ ہر سوال ایک نمبر کا ہے۔
2. Choose ONE correct answer and fill its circle on the OMR sheet (last page).	ہر سوال کا صرف ایک درست جواب چنیں اور آخری صفحے پر او ایم آر شیٹ میں اس کا دائرہ بھریں۔
3. There is no negative marking. Try every question.	غلط جواب پر نمبر نہیں کٹیں گے، ہر سوال حل کریں۔
4. Non-Muslim students attempt Question 75(E) (Ethics) instead of Question 75.	غیر مسلم طلبہ سوال نمبر ۷۵ کی جگہ سوال ۷۵ (E) اخلاقیات حل کریں۔
5. Use a blue or black pen. Calculators and mobile phones are not allowed.	نیلا یا کالا قلم استعمال کریں۔ کیلکولیٹر اور موبائل کی اجازت نہیں۔

Paper pattern: English 20 • Mathematics 20 • General Science 15 • Computer Science 5 • GK, Pakistan Studies & Islamiat / Ethics 15

SAMPLE PAPER

SECTION A — ENGLISH

Questions 1–20 • 20 marks

1. Choose the correct form (present perfect continuous): "She ____ in this school since 2020."

(A) is studying **(B)** has been studying
(C) studied **(D)** was studying

2. Choose the correct form (past perfect): "By the time we reached the station, the train ____."

(A) left **(B)** has left
(C) leaves **(D)** had left

3. Choose the correct form: "If it rains tomorrow, we ____ at home."

(A) will stay **(B)** stay
(C) stayed **(D)** would stay

4. Change into passive voice: "They are building a new bridge."

(A) A new bridge is built by them. **(B)** A new bridge was being built by them.
(C) A new bridge is being built by them. **(D)** A new bridge has been built by them.

5. Change into passive voice: "Who wrote this letter?"

(A) By whom was this letter written? **(B)** Who was this letter written?
(C) By whom this letter was written? **(D)** Whom wrote this letter?

6. Change into indirect speech: She said, "I will help you."

(A) She said that she will help you. **(B)** She said that I would help her.
(C) She says she would help me. **(D)** She said that she would help me.

7. Change into indirect speech: He said to me, "Where do you live?"

(A) He asked me where did I live. **(B)** He asked me where I lived.
(C) He said me where I live. **(D)** He asked me that where I lived.

8. Choose the correct article: "____ Indus is the longest river of Pakistan."

(A) A **(B)** An
(C) The **(D)** No article

9. Which of these is correct?

(A) an university **(B)** an European
(C) a hour **(D)** a university

10. Choose the correct preposition: "He was accused ____ theft."

(A) for **(B)** of
(C) with **(D)** about

11. Choose the correct conjunction: "He worked hard, ____ he failed the exam."

(A) so **(B)** because
(C) but **(D)** and

12. Choose the correct conjunction: "Wait here ____ I come back."

(A) until **(B)** unless
(C) although **(D)** because

13. Choose the correct sentence:

(A) He don't like tea. **(B)** He doesn't likes tea.
(C) He not like tea. **(D)** He doesn't like tea.

SAMPLE PAPER

14. Choose the correct sentence:

(A) Each of the students have a book. **(B)** Each of the students has a book.
(C) Each of the student has a book. **(D)** Each of students have books.

15. Choose the synonym of “abundant”:

(A) scarce **(B)** tiny
(C) plentiful **(D)** empty

16. Choose the antonym of “generous”:

(A) selfish **(B)** kind
(C) polite **(D)** rich

17. The idiom “a piece of cake” means:

(A) very sweet **(B)** very easy
(C) a small part **(D)** a costly thing

18. The idiom “to burn the midnight oil” means:

(A) to waste oil **(B)** to cook at night
(C) to sleep early **(D)** to work or study late at night

Read the passage and answer Questions 19 and 20.

Allama Muhammad Iqbal was born in Sialkot in 1877. He studied philosophy at Cambridge and Munich. Through his poetry, he awakened the Muslims of the subcontinent and inspired them to work for their rights. In his famous Allahabad Address of 1930, he presented the idea of a separate homeland for the Muslims of north-western India.

19. Where did Allama Iqbal present the idea of a separate homeland for Muslims?

(A) In a speech in Sialkot **(B)** In the Allahabad Address of 1930
(C) At Cambridge University **(D)** In the Lahore Resolution

20. In the passage, the word “awakened” means:

(A) made sleepy **(B)** frightened
(C) made aware and active **(D)** ignored

SECTION B — MATHEMATICS

Questions 21–40 • 20 marks

21. If A = {1, 2, 3} and B = {2, 3, 4}, then A ∩ B = ?

(A) {1, 2, 3, 4} **(B)** {2, 3}
(C) {1, 4} **(D)** { }

22. Which of these is an irrational number?

(A) √9 **(B)** 0.25
(C) 7/2 **(D)** π

23. $\log_{10} 1000$ = ?

(A) 3 **(B)** 2
(C) 10 **(D)** 100

24. log a + log b = ?

(A) log (a + b) **(B)** log (a/b)
(C) log (ab) **(D)** (log a)(log b)

SAMPLE PAPER

25. Factorize: $x^2 - 9$

(A) $(x - 3)^2$ **(B)** $(x + 3)^2$
(C) $(x - 9)(x + 1)$ **(D)** $(x - 3)(x + 3)$

26. Factorize: $x^2 + 5x + 6$

(A) $(x + 2)(x + 3)$ **(B)** $(x + 1)(x + 6)$
(C) $(x - 2)(x - 3)$ **(D)** $(x + 5)(x + 1)$

27. If $a + b = 7$ and $ab = 10$, then $a^2 + b^2 = ?$

(A) 39 **(B)** 29
(C) 49 **(D)** 69

28. Solve: $2x + 5 = 17$

(A) 8.5 **(B)** 11
(C) 6 **(D)** 22

29. Solve: $x^2 - 5x + 6 = 0$

(A) $x = 2$ or 3 **(B)** $x = -2$ or -3
(C) $x = 1$ or 6 **(D)** $x = -1$ or 6

30. Solve: $x^2 = 16$

(A) $x = 4$ only **(B)** $x = 8$
(C) $x = \pm 8$ **(D)** $x = \pm 4$

31. A matrix has 2 rows and 3 columns. Its order is:

(A) 3 × 2 **(B)** 2 × 3
(C) 2 × 2 **(D)** 3 × 3

32. [2 3] + [1 4] = ?

(A) [2 12] **(B)** [1 −1]
(C) [3 7] **(D)** [3 12]

33. In a right-angled triangle, the two shorter sides are 6 cm and 8 cm. The hypotenuse is:

(A) 10 cm **(B)** 12 cm
(C) 14 cm **(D)** 48 cm

34. The angle in a semicircle is:

(A) 45° **(B)** 60°
(C) 180° **(D)** 90°

35. The diameter of a circle is 14 cm. Its circumference is (take $\pi = 22/7$):

(A) 22 cm **(B)** 44 cm
(C) 88 cm **(D)** 154 cm

36. Two interior opposite angles of a triangle are 40° and 65°. The exterior angle is:

(A) 25° **(B)** 75°
(C) 105° **(D)** 115°

37. $\sin 30° = ?$

(A) 1/2 **(B)** $\sqrt{3}/2$
(C) 1 **(D)** 0

38. $\tan 45° = ?$

(A) 0 **(B)** $\sqrt{3}$
(C) $1/\sqrt{3}$ **(D)** 1

SAMPLE PAPER

39. $\sin^2\theta + \cos^2\theta = ?$

(A) 0 **(B)** 1
(C) 2 **(D)** $\tan\theta$

40. Find the median of 3, 7, 9, 12 and 15.

(A) 7 **(B)** 9.2
(C) 9 **(D)** 12

SECTION C — GENERAL SCIENCE

Questions 41–55 • 15 marks

41. The SI base unit of mass is the:

(A) gram **(B)** kilogram
(C) newton **(D)** pound

42. A car covers 120 km in 2 hours. Its average speed is:

(A) 30 km/h **(B)** 120 km/h
(C) 60 km/h **(D)** 240 km/h

43. A force acts on a 5 kg mass and gives it an acceleration of 2 m/s². The force is:

(A) 2.5 N **(B)** 7 N
(C) 25 N **(D)** 10 N

44. A current of 2 A flows through a resistance of 5 Ω. The voltage is (V = IR):

(A) 10 V **(B)** 2.5 V
(C) 7 V **(D)** 3 V

45. The speed of light in a vacuum is about:

(A) 3×10^5 m/s **(B)** 3×10^8 m/s
(C) 3×10^6 m/s **(D)** 3×10^{10} m/s

46. How many electrons are there in a neutral sodium atom (atomic number 11)?

(A) 10 **(B)** 12
(C) 11 **(D)** 23

47. Which of these is a noble gas?

(A) Oxygen **(B)** Nitrogen
(C) Chlorine **(D)** Neon

48. A bond formed by the sharing of electrons is called a(n):

(A) covalent bond **(B)** ionic bond
(C) metallic bond **(D)** hydrogen bond

49. The modern periodic table is arranged in order of increasing:

(A) atomic mass **(B)** atomic number
(C) density **(D)** valency

50. A solution with a pH less than 7 is:

(A) basic **(B)** neutral
(C) acidic **(D)** a salt

51. Which part of the cell controls all its activities?

(A) Cytoplasm **(B)** Cell membrane
(C) Vacuole **(D)** Nucleus

SAMPLE PAPER

52. Which plant tissue carries water from the roots to the leaves?

(A) Xylem **(B)** Phloem
(C) Cambium **(D)** Epidermis

53. Which enzyme in saliva starts the digestion of starch?

(A) Pepsin **(B)** Amylase
(C) Lipase **(D)** Trypsin

54. Aerobic respiration produces energy, carbon dioxide and:

(A) oxygen **(B)** glucose
(C) water **(D)** starch

55. Which blood cells fight infection?

(A) Red blood cells **(B)** Platelets
(C) Plasma **(D)** White blood cells

SECTION D — COMPUTER SCIENCE

Questions 56–60 • 5 marks

56. CPU stands for:

(A) Central Program Unit **(B)** Central Processing Unit
(C) Computer Personal Unit **(D)** Control Processing Utility

57. The binary form of the decimal number 5 is:

(A) 100 **(B)** 110
(C) 101 **(D)** 111

58. The decimal value of the binary number 1010 is:

(A) 8 **(B)** 12
(C) 1010 **(D)** 10

59. Which keyboard shortcut is used to copy in MS Office?

(A) Ctrl + C **(B)** Ctrl + V
(C) Ctrl + X **(D)** Ctrl + Z

60. Which of these is the safest password?

(A) 123456 **(B)** password
(C) Gr8!Lahore#27 **(D)** ali2008

SECTION E — GK, PAKISTAN STUDIES & ISLAMIAT

Questions 61–75 • 15 marks

61. Who is known as the father of the Two-Nation Theory?

(A) Allama Iqbal **(B)** Sir Syed Ahmad Khan
(C) Liaquat Ali Khan **(D)** Chaudhry Rehmat Ali

62. The All-India Muslim League was founded in:

(A) 1885 **(B)** 1916
(C) 1906 **(D)** 1940

63. The Lahore Resolution was passed on:

(A) 14 August 1947 **(B)** 23 March 1956
(C) 25 December 1940 **(D)** 23 March 1940

SAMPLE PAPER

64. The name “PAKISTAN” was proposed by:

(A) Chaudhry Rehmat Ali **(B)** Allama Iqbal
(C) Quaid-e-Azam **(D)** Sir Syed Ahmad Khan

65. Which is the largest province of Pakistan by area?

(A) Punjab **(B)** Balochistan
(C) Sindh **(D)** Khyber Pakhtunkhwa

66. The Sui gas field is located in:

(A) Sindh **(B)** Punjab
(C) Balochistan **(D)** Khyber Pakhtunkhwa

67. The Thar coal field is located in which district of Sindh?

(A) Thatta **(B)** Badin
(C) Sanghar **(D)** Tharparkar

68. The present Constitution of Pakistan was adopted in:

(A) 1956 **(B)** 1973
(C) 1962 **(D)** 1985

69. The Parliament (Majlis-e-Shoora) of Pakistan consists of:

(A) the National Assembly only **(B)** the Senate and the Supreme Court
(C) the National Assembly and the Senate **(D)** the Provincial Assemblies

70. Muhammad bin Qasim conquered Sindh in:

(A) 712 AD **(B)** 612 AD
(C) 812 AD **(D)** 1012 AD

71. Sindhi Cultural Day (Ajrak and Topi Day) is celebrated every year in:

(A) March **(B)** August
(C) October **(D)** December

72. Which of these is NOT a district of Sindh?

(A) Jamshoro **(B)** Kasur
(C) Tando Allahyar **(D)** Matiari

73. The headquarters of the United Nations is in:

(A) Geneva **(B)** Paris
(C) New York **(D)** London

74. OIC stands for:

(A) Organisation of Islamic Countries **(B)** Oil and Industry Council
(C) Organisation of International Cooperation **(D)** Organisation of Islamic Cooperation

75. (Islamiat — for Muslim students) The first Caliph of Islam was:

(A) Hazrat Umar (R.A.) **(B)** Hazrat Abu Bakr Siddique (R.A.)
(C) Hazrat Usman (R.A.) **(D)** Hazrat Ali (R.A.)

75(E). (Ethics — for non-Muslim students) Respecting the rights and beliefs of all people, whatever their religion, is called:

(A) prejudice **(B)** discrimination
(C) tolerance **(D)** arrogance

— END OF PAPER —

SAMPLE PAPER

OMR ANSWER SHEET

TalentCore Global Laptop Scholarship 2026 — Phase 1 • Category C (Secondary / Matric) • SAMPLE PAPER

Student name	
Father's name	
School	
City	
Class	○ 9 ○ 10
Date	

ROLL NUMBER (write digits, then fill one circle in each column)

Write						
0	○	○	○	○	○	○
1	○	○	○	○	○	○
2	○	○	○	○	○	○
3	○	○	○	○	○	○
4	○	○	○	○	○	○
5	○	○	○	○	○	○
6	○	○	○	○	○	○
7	○	○	○	○	○	○
8	○	○	○	○	○	○
9	○	○	○	○	○	○

HOW TO FILL

Use a blue or black ball pen. Fill the circle completely. One answer only. Do not fold, tear or staple this sheet.

صرف نیلا یا کالا بال پوائنٹ استعمال کریں۔ دائرہ مکمل بھریں، صرف ایک جواب۔ شیٹ کو نہ موڑیں۔

Correct: Ⓐ ● Ⓒ Ⓓ

Wrong: ✓ ✗ ◐ ⊙

Q	A	B	C	D	Q	A	B	C	D	Q	A	B	C	D	Q	A	B	C	D
1	Ⓐ	Ⓑ	Ⓒ	Ⓓ	20	Ⓐ	Ⓑ	Ⓒ	Ⓓ	39	Ⓐ	Ⓑ	Ⓒ	Ⓓ	58	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2	Ⓐ	Ⓑ	Ⓒ	Ⓓ	21	Ⓐ	Ⓑ	Ⓒ	Ⓓ	40	Ⓐ	Ⓑ	Ⓒ	Ⓓ	59	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3	Ⓐ	Ⓑ	Ⓒ	Ⓓ	22	Ⓐ	Ⓑ	Ⓒ	Ⓓ	41	Ⓐ	Ⓑ	Ⓒ	Ⓓ	60	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4	Ⓐ	Ⓑ	Ⓒ	Ⓓ	23	Ⓐ	Ⓑ	Ⓒ	Ⓓ	42	Ⓐ	Ⓑ	Ⓒ	Ⓓ	61	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5	Ⓐ	Ⓑ	Ⓒ	Ⓓ	24	Ⓐ	Ⓑ	Ⓒ	Ⓓ	43	Ⓐ	Ⓑ	Ⓒ	Ⓓ	62	Ⓐ	Ⓑ	Ⓒ	Ⓓ
6	Ⓐ	Ⓑ	Ⓒ	Ⓓ	25	Ⓐ	Ⓑ	Ⓒ	Ⓓ	44	Ⓐ	Ⓑ	Ⓒ	Ⓓ	63	Ⓐ	Ⓑ	Ⓒ	Ⓓ
7	Ⓐ	Ⓑ	Ⓒ	Ⓓ	26	Ⓐ	Ⓑ	Ⓒ	Ⓓ	45	Ⓐ	Ⓑ	Ⓒ	Ⓓ	64	Ⓐ	Ⓑ	Ⓒ	Ⓓ
8	Ⓐ	Ⓑ	Ⓒ	Ⓓ	27	Ⓐ	Ⓑ	Ⓒ	Ⓓ	46	Ⓐ	Ⓑ	Ⓒ	Ⓓ	65	Ⓐ	Ⓑ	Ⓒ	Ⓓ
9	Ⓐ	Ⓑ	Ⓒ	Ⓓ	28	Ⓐ	Ⓑ	Ⓒ	Ⓓ	47	Ⓐ	Ⓑ	Ⓒ	Ⓓ	66	Ⓐ	Ⓑ	Ⓒ	Ⓓ
10	Ⓐ	Ⓑ	Ⓒ	Ⓓ	29	Ⓐ	Ⓑ	Ⓒ	Ⓓ	48	Ⓐ	Ⓑ	Ⓒ	Ⓓ	67	Ⓐ	Ⓑ	Ⓒ	Ⓓ
11	Ⓐ	Ⓑ	Ⓒ	Ⓓ	30	Ⓐ	Ⓑ	Ⓒ	Ⓓ	49	Ⓐ	Ⓑ	Ⓒ	Ⓓ	68	Ⓐ	Ⓑ	Ⓒ	Ⓓ
12	Ⓐ	Ⓑ	Ⓒ	Ⓓ	31	Ⓐ	Ⓑ	Ⓒ	Ⓓ	50	Ⓐ	Ⓑ	Ⓒ	Ⓓ	69	Ⓐ	Ⓑ	Ⓒ	Ⓓ
13	Ⓐ	Ⓑ	Ⓒ	Ⓓ	32	Ⓐ	Ⓑ	Ⓒ	Ⓓ	51	Ⓐ	Ⓑ	Ⓒ	Ⓓ	70	Ⓐ	Ⓑ	Ⓒ	Ⓓ
14	Ⓐ	Ⓑ	Ⓒ	Ⓓ	33	Ⓐ	Ⓑ	Ⓒ	Ⓓ	52	Ⓐ	Ⓑ	Ⓒ	Ⓓ	71	Ⓐ	Ⓑ	Ⓒ	Ⓓ
15	Ⓐ	Ⓑ	Ⓒ	Ⓓ	34	Ⓐ	Ⓑ	Ⓒ	Ⓓ	53	Ⓐ	Ⓑ	Ⓒ	Ⓓ	72	Ⓐ	Ⓑ	Ⓒ	Ⓓ
16	Ⓐ	Ⓑ	Ⓒ	Ⓓ	35	Ⓐ	Ⓑ	Ⓒ	Ⓓ	54	Ⓐ	Ⓑ	Ⓒ	Ⓓ	73	Ⓐ	Ⓑ	Ⓒ	Ⓓ
17	Ⓐ	Ⓑ	Ⓒ	Ⓓ	36	Ⓐ	Ⓑ	Ⓒ	Ⓓ	55	Ⓐ	Ⓑ	Ⓒ	Ⓓ	74	Ⓐ	Ⓑ	Ⓒ	Ⓓ
18	Ⓐ	Ⓑ	Ⓒ	Ⓓ	37	Ⓐ	Ⓑ	Ⓒ	Ⓓ	56	Ⓐ	Ⓑ	Ⓒ	Ⓓ	75	Ⓐ	Ⓑ	Ⓒ	Ⓓ
19	Ⓐ	Ⓑ	Ⓒ	Ⓓ	38	Ⓐ	Ⓑ	Ⓒ	Ⓓ	57	Ⓐ	Ⓑ	Ⓒ	Ⓓ	75(E)	Ⓐ	Ⓑ	Ⓒ	Ⓓ

■ English 1–20 ■ Maths 21–40 ■ Science 41–55 ■ Computer 56–60 ■ GK, Pak St. & Islamiat 61–75 *(75(E) for non-Muslims)*

Candidate signature	Invigilator signature	_____ / 75 For office use — Score	Checked by

Do not write in the black boxes • Practice OMR sheet