GIRLS CADET COLLEGE QUETTA

Model Paper — Entry Test for Admission in Class VIII (8th)

6th Entry 2027

Total Marks: 100	**Subjects:** Eng · Sci · Urdu · Maths	**Time Allowed:** 03 Hours

Candidate's Name: _____	**Roll No.:** _____
Father's Name: _____	**Invigilator's Signature:** _____

General Instructions

1. The paper has two parts: Part I (Objective, 40 marks, 1 hour) and Part II (Subjective, 60 marks, 2 hours).
2. Answers to the objective part are to be marked on the OMR sheet by completely filling the correct circle with a blue/black ball-point pen.
3. Answers to the subjective part are to be written in this answer booklet. Write neatly and legibly.
4. Use of mobile phones, calculators or any electronic device is strictly prohibited.

ہدایت: پرچے کے معروضی حصے کے سوالات کے درست جوابات او ایم آر شیٹ پر دیے گئے دائروں کو بھر کر دیں، جبکہ انشائیہ حصے کے سوالات کے جوابات اسی کتابچے میں لکھیں۔

PART I — OBJECTIVE (MCQs) — Marks: 40 | Time: 1 Hour

Choose the correct option and fill the corresponding circle on the OMR sheet. Each question carries one mark.

English (Q.1 – Q.10)

1. Giving human qualities to non-human things is called _____.
(A) metaphor **(B)** hyperbole **(C)** irony **(D)** personification

2. The adjective formed from "beauty" is _____.
(A) beautify **(B)** beautiful **(C)** beautifully **(D)** beautician

3. The plural of "babysitter" is _____.
(A) babysitters **(B)** babiessitters **(C)** babysitter's **(D)** babysitteres

4. The prefix "micro-" means _____.
(A) large **(B)** small **(C)** beyond **(D)** against

5. A linking verb is _____.
(A) run **(B)** write **(C)** eat **(D)** seem

6. Hazrat Umar (RA) lived his personal life:
(A) with luxury **(B)** in a palace
(C) simply and humbly **(D)** travelling for trade

7. In the poem, hope is compared to a:
(A) feather **(B)** cloud **(C)** bird **(D)** star

8. The main economic activity in Mehrgarh was:
(A) fishing **(B)** farming **(C)** metalworking **(D)** hunting

9. Reading books serves as a:
(A) knowledge highway **(B)** waste of time **(C)** boring activity **(D)** difficult task

10. A prepositional phrase consists of a preposition and its _____.
(A) subject **(B)** object **(C)** verb **(D)** adverb

General Science (Q.11 – Q.20)

11. In the root system, the surface area for absorption of water is increased by:
(A) root cuticle **(B)** root hairs **(C)** root cap **(D)** phloem in root

12. The organ which controls the entry of food and air into the relevant tubes is called:
(A) throat **(B)** larynx **(C)** epiglottis **(D)** trachea

13. The ability of our body to fight against diseases is called:
(A) enzyme specificity **(B)** chemical reactivity
(C) immunity **(D)** scarcity

14. The maximum number of electrons in the third shell (M) around the nucleus is:
(A) 8 **(B)** 10 **(C)** 18 **(D)** 32

15. An example of a chemical change is:
(A) boiling of water **(B)** production of energy from food
(C) dissolution of salt in water **(D)** freezing of water

16. How many electrons are present in the outermost shell of a chlorine atom?
(A) 1 **(B)** 2 **(C)** 6 **(D)** 7

17. A solution in which no more solute can dissolve at a fixed temperature is called:
(A) supersaturated solution **(B)** unsaturated solution
(C) saturated solution **(D)** homogeneous solution

18. The SI unit of force is:
(A) newton **(B)** metre per second **(C)** metre **(D)** kilometre

19. Which type of wave does NOT need a medium to travel through?
(A) mechanical wave **(B)** electromagnetic wave
(C) sound wave **(D)** transverse wave

20. Heat flows:
(A) from a cold region to a hot object **(B)** from a hot region to a cold region
(C) from ice to liquid water **(D)** does not flow

اردو (سوال ۲۱ تا ۳۰)

درست جواب کا انتخاب کریں اور او ایم آر شیٹ پر متعلقہ دائرہ پُر کریں۔

۲۱۔ نصاب میں شامل نظم "حمدِ باری تعالیٰ" کے شاعر ہیں:
(الف) احسان دانش **(ب)** جمیل الدین عالی **(ج)** علامہ محمد اقبال **(د)** ڈاکٹر محمد امین

۲۲۔ اصنافِ ادب کی کتنی قسمیں ہیں؟
(الف) ایک **(ب)** دو **(ج)** تین **(د)** چار

۲۳۔ ڈاکٹر عبدالقدیر خان کا انتقال ہوا:
(الف) ۷ اکتوبر ۲۰۲۱ء **(ب)** ۵ اکتوبر ۲۰۲۱ء **(ج)** ۱۰ اکتوبر ۲۰۲۱ء **(د)** ۹ اکتوبر ۲۰۲۱ء

۲۴۔ حوالدار لالک جان شہید کو اعزاز عطا کیا گیا:
(الف) نشانِ حیدر **(ب)** ہلالِ جرأت **(ج)** تمغۂ امتیاز **(د)** ستارۂ جرأت

۲۵۔ نصاب میں شامل نظم "دلِ مسلم" میں شاعر دلِ مسلم کو کیا عطا کرنے کی دعا کرتا ہے؟
(الف) سکون و راحت **(ب)** عزت و شہرت **(ج)** زندہ تمنا **(د)** دولت و ثروت

۲۶۔ نظم "ہمارا وطن" میں کس نشان کی بات کی گئی ہے؟

(الف) قومی لباس (ب) قومی ترانہ (ج) قومی پرچم (د) چاند ستارا

۲۷۔ چچا چھکن نے بچوں کو پڑھانے کے لیے کون سا طریقہ اختیار کیا؟

(الف) شرارت کا (ب) سختی کا (ج) محبت کا (د) کھیل کود کا

۲۸۔ لفظ "شعر" کی جمع کیا ہے؟

(الف) شاعری (ب) شعرا (ج) شاعروں (د) اشعار

۲۹۔ اسلام سے پہلے حقیر سمجھا جاتا تھا:

(الف) بوڑھوں کو (ب) بچوں کو (ج) عورتوں کو (د) مردوں کو

۳۰۔ [سوال کا متن یہاں درج کریں]

(الف) ۱۷۸۸ء (ب) ۱۷۸۷ء (ج) ۱۷۸۶ء (د) ۱۷۸۵ء

Mathematics (Q.31 – Q.40)

31. Identify the smallest rational number.
(A) 1/2 **(B)** 2/15 **(C)** 4/5 **(D)** 5/6

32. Increase 80 in the ratio 5 : 4.
(A) 90 **(B)** 100 **(C)** 70 **(D)** 80

33. Round off 35/8 to 3 decimal places.
(A) 4.375 **(B)** 4.265 **(C)** 4.475 **(D)** 4.365

34. Bilal bought a toy car for Rs. 3,000 and sold it for Rs. 2,500. Find his loss percentage.
(A) 10.6% **(B)** 14.6% **(C)** 15.6% **(D)** 16.67%

35. The product of $(9x + 1)(9x - 2)$ is:
(A) $81x^2 - 9x - 2$ **(B)** $81x^2 - 4$ **(C)** $81x^2 + 9x + 1$ **(D)** $81x - 9x + 3$

36. The point $(-2, 3)$ lies in which quadrant?
(A) First **(B)** Second **(C)** Third **(D)** Fourth

37. Convert 18 minutes 30 seconds into seconds.
(A) 1070 seconds **(B)** 1080 seconds **(C)** 1110 seconds **(D)** 1090 seconds

38. A quadrilateral which has four equal sides and four angles but no right angle is called a:
(A) trapezium **(B)** rhombus **(C)** parallelogram **(D)** rectangle

39. Which of the following is an impossible event?
(A) Earth is a planet **(B)** Sun rises in the east
(C) Sun is a planet **(D)** Earth revolves around the Sun

40. If a circle has a diameter of 4.6 cm, what is its circumference?
(A) 14.46 cm **(B)** 15.5 cm **(C)** 16.46 cm **(D)** 30 cm

GIRLS CADET COLLEGE QUETTA

OMR ANSWER SHEET — Part I (Objective)

Sample for Practice · Entry Test for Admission in Class VIII

Candidate's Name	
Father's Name	
Test Centre	
Date	
Candidate's Signature	
Invigilator's Signature	

ROLL NUMBER					
⓪	⓪	⓪	⓪	⓪	⓪
①	①	①	①	①	①
②	②	②	②	②	②
③	③	③	③	③	③
④	④	④	④	④	④
⑤	⑤	⑤	⑤	⑤	⑤
⑥	⑥	⑥	⑥	⑥	⑥
⑦	⑦	⑦	⑦	⑦	⑦
⑧	⑧	⑧	⑧	⑧	⑧
⑨	⑨	⑨	⑨	⑨	⑨

Instructions: Use a blue/black ball-point pen only. Fill ONE circle completely for each question. Do not use whitener, do not cut or overwrite, and do not fold this sheet. More than one filled circle for a question will be marked wrong.

Correct method: Ⓐ ● Ⓒ Ⓓ **Wrong methods:** ⊗ ✓ ◐ ⊙

ENGLISH (1–10)				
1.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
6.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
7.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
8.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
9.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
10.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

SCIENCE (11–20)				
11.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
12.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
13.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
14.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
15.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
16.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
17.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
18.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
19.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
20.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

URDU (21–30)				
21.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
22.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
23.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
24.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
25.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
26.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
27.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
28.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
29.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
30.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

MATHEMATICS (31–40)				
31.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
32.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
33.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
34.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
35.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
36.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
37.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
38.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
39.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
40.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

نوٹ: اردو کے سوالات میں (الف)، (ب)، (ج) اور (د) بالترتیب پہلے، دوسرے، تیسرے اور چوتھے دائرے کو ظاہر کرتے ہیں۔

FOR OFFICE USE ONLY			
Correct Answers	**Marks Obtained (out of 40)**	**Checked By**	**Signature**

PART II — SUBJECTIVE

Marks: 60 | Time: 2 Hours

Attempt the questions of all four subjects as directed. Each subject carries 15 marks.

English (15 Marks)

Q.1 Short Answer Questions **(2 × 5 = 10)**

Answer any FIVE of the following questions.

(i) What administrative reforms did Hazrat Umar Farooq (RA) introduce to improve governance?

(ii) Explain the four types of sentences (declarative, exclamatory, interrogative and imperative) with examples.

(iii) Why is Mehrgarh considered one of the earliest farming settlements in South Asia?

(iv) How does regular reading contribute to vocabulary and communication skills?

(v) What environmental changes are described in the poem "Warned"?

(vi) What is the historical significance of Dureji?

(vii) Why was the minister distressed when the king ordered him to build a palace from top to bottom?

Q.2 Long Answer Question **(5 Marks)**

(a) Describe the qualities of the minister that impressed the king. What lesson does the story convey about wisdom and humility?

OR

(b) Discuss the good and bad impacts of social media. How can we use social media positively?

General Science (15 Marks)

Section A — Short Answer Questions

Q.3 Define photosynthesis and write its word equation. **(3 Marks)**

OR

What is meant by the circulatory system? Name its main components.

Q.4 Define the following: (a) Antigens (b) Antibodies **(3 Marks)**

OR

Differentiate between a proton and an electron.

Section B — Descriptive Answer Questions

Q.5 Describe the factors that affect transpiration. **(4 Marks)**

OR

Explain the internal structure of a leaf.

Q.6 Describe the factors affecting solubility and explain the importance of solutions in daily life. **(5 Marks)**

OR

Describe the process of drip and sprinkler irrigation. How do these technologies help in water conservation?

اردو (کل نمبر:۱۵)

سوال نمبر۷: مختصر سوالات **(۵ × ۲=۱۰)**

نوٹ: درج ذیل سات سوالات میں سے کوئی سے پانچ سوالات کے مختصر جوابات لکھیں۔ ہر سوال دو نمبر کا ہے۔

(الف) اسم کی تعریف مثال کے ساتھ لکھیں۔

(ب) تخلص کسے کہتے ہیں؟ کسی شعر کی مثال کے ساتھ وضاحت کریں۔

(ج) "چچا چھکن نے تیمارداری کی" صنفِ ادب کے لحاظ سے کیا ہے؟

(د) آپ اپنے اندر شاہین جیسی صفات کیسے پیدا کر سکتے ہیں؟

(ہ) بزرگوں کی کرامات سے کیا مراد ہے؟

(و) [سوال کا متن یہاں درج کریں]

(ز) مترادف الفاظ کی تعریف لکھیں، نیز دو مثالیں بھی دیں۔

سوال نمبر ۸: تفصیلی سوال (۱ × ۵=۵)

نوٹ: درج ذیل میں سے کسی ایک سوال کا جواب لکھیں۔

(الف) "وقت کی پابندی" پر مضمون لکھیں۔

یا

(ب) اپنے دوست کو خط لکھیں جس میں اسے گرمیوں کی چھٹیوں میں کوئٹہ کی تاریخی عمارات کی سیر کی دعوت دیں۔

Mathematics (15 Marks)

Q.9 Find the value of x, if $7 : 5 :: x : 20$ **(3 Marks)**

OR

Find the square root of 36/169 by the division method.

Q.10 Find the sum of the interior angles of a regular hexagon. **(3 Marks)**

OR

If $U = \{x \mid x \in Z \wedge 0 \leq x \leq 20\}$ and $A = \{x \mid x \in E \wedge 4 \leq x < 20\}$, find A^c.

Q.11 Factorize $5p^2 + 7pr - 21qr - 15pq$. **(4 Marks)**

OR

Calculate the mean temperature (°C) of 11 different countries given below: 45, 30, 32, 35, 25, 40, 41, 42, 29, 37, 33

Q.12 A cylindrical water tank has a diameter of 3.1 metres and a depth of 4.5 metres. Calculate the capacity of the tank. **(5 Marks)**

OR

Ali earns a monthly income of Rs. 250,000 from his business. Calculate his annual income tax liability according to the 2024–25 tax slabs.

— The End —