



CADET COLLEGE KARACHI
MODEL PAPER – ENTRY TEST
Class 8

First Session

Time: 1 hour

Instructions:

1. All questions are **COMPULSORY**.
2. Answer all questions on the given sheet. No Separate paper is required.
3. Use only blue/black fountain pen for attempting paper.
4. Black / Blue marker may use for heading.
5. Cutting/Overwriting is not allowed, use of corrector/ink remover is strictly prohibited
6. Use of calculator/ mobile phones or any other electronic device is restricted. Any violation can result ineligibility of the candidate.

For office use only

Subject	English	General Know. & Intelligence
Total Marks	50	50
Obt. Marks		
Examiner's Sign		

ENGLISH

Q1. Circle the correct answer option like this: (x)

- i. He is an _____ person.
a) honist b) honest c) honast d) honust
- ii. The group of collective nouns is:
a) book, milk b) hair, water c) family, gold d) army, crowd
- iii. _____ Sun shines brightly in summer.
a) A b) An c) Many d) The
- iv. This is the boy _____ we met in the market.
a) whose b) which c) who d) whom
- v. The sentence of future perfect continuous tense is:
a) She has already been helping us in cooking. b) I shall be working hard for examination.
c) He will have been teaching us since morning. d) He participated in English debate competition.
- vi. Someone is _____ the door.
a) at b) in c) on d) to
- vii. I am thankful to you for _____ kindness.
a) your's b) yours c) you d) your
- viii. "He is singing a song." The correct passive voice for the above sentence is:
a) A song is sung by him. b) A song is singing by him.
c) A song is sang by him. d) A song is being sung by him.
- ix. Synonym of 'Give up' is:
a) Abandon b) work hard c) struggle d) working
- x. God helps those who help themselves. The underlined word is a/an:
a) Reflexive pronoun b) personal pronoun c) interrogative pronoun d) Noun

Q2. Write an essay of about 150 words on any ONE of the following topics.

- a. Importance of education b. The happiest day of my life
c. Unity is strength d. Science is blessing

Q3. Change following sentences into passive voice.

i. The teacher praised him.

ii. An earthquake destroyed the town.

iii. The fire has damaged the building.

iv. Who teach you French?

v. Everyone will blame us.

Q4. Make meaningful sentences of the following words.

i. Absent from _____

ii. Believe in _____

iii. Act upon _____

iv. Poverty _____

v. Witness _____

vi. Vacation _____

vii. Fond of _____

viii. Made of _____

ix. Consist of _____

x. Make fun of _____

Q5. Do as directed:

i. He watches. (change into Simple Future)

ii. He swept the floor. (change into negative interrogative)

iii. His cat has three kittens. (change into negative)

iv. Has he not gone to railway station? (change into positive assertive sentence)

v. Ali said, "I will give you a pen." (Change narration)

Q6. Translate into English:

_____ 1. ہمیں فریبوں کی مدد کرنی پائیے۔

_____ 2. خدا ان کی مدد کرتا ہے جو اپنی مدد آپ کرتے ہیں۔

_____ 3. ہم تقریر کی مقابلہ میں حصہ لیں گے۔

_____ 4. میں روزانہ آٹھ بجے اسکول جاتا ہوں۔

_____ 5. صبح سے بارش ہو رہی ہے۔

15. How much percent of population depends on the agriculture?

- a) 74% b) 75% c) 76% d) 77%.

16. Which is the largest city of Pakistan?

- a) Hyderabad b) Faisalabad c) Lahore d) Karachi.

17. Second Summit OIC was organized by Pakistan in 1974 who attended it from Saudi Arabia?

- a) King Fahad b) Shah Faisal Bin Abdul Aziz
c) Shah Abdullah Bin Abdul Aziz d) None of these

18. Cattle rearing is the profession of areas which are:

- a) Well Irrigated b) Dry c) Hilly d) None of these

19. Who should be given representation in every field of life:

- a) Boys b) Girls c) Women d) Men

20. When Quaid-e-Azam was born?

- a) 25 Dec 1876 b) 26 Dec 1876 c) 25 Dec 1877 d) 26 Dec 1877

Q2: Which Statement is TRUE OR FALSE? Tick the correct option: (✓)

1. War of independence or Mutiny was fought in 1857 (True/ False)
2. East Pakistan was Separated from West Pakistan in the year 1981. (True/ False)
3. Dr. Abdul Qadeer Khan is a Great Scientist of Pakistan (True/ False)
4. The capital-city of Tunis is Tunis. (True/ False)
5. Pakistan is in the Moon soon climatic regions. (True/ False)
6. Benazir Bhutto was martyred by terrorist on 27th Dec 2007. (True/ False)
7. Sri Lanka is not the part of OPEC. (True/ False)
8. Pakistan is a member state of OIC. (True/ False)
9. Bangladesh is not a member of SAARC. (True/ False)
10. Quaid-e-Azam was born in Karachi on the 11th Sep 1885. (True/ False)

Qno3: Write one word each which is composed of 5, 6, 8, 14 & 9 Letters.

Q4:

Intelligence Test:

Circle the correct answer option like this: (x)

- Which one is heavier? One Kilo Gram of Iron or One Kilo Gram of Cotton?
a) Iron b) Cotton c) Gram d) Same
- Pakistan is to Asia as United Kingdom is to _____.
a) Africa b) Europe c) America d) England
- Which one is different from others?
a) Lahore b) Kabul c) Beijing d) Dhaka
- I was 12 years old in 1956. So I was 5 years old in?
a) 1950 b) 1948 c) 1947 d) 1949
- What will be TERE if AMDAR is DRAMA?
a) EERT b) REET c) TREE d) TEER
- What will come next in the following series E,V E,W E,X E,Y?
a) E,P b) E,Q c) E,R d) E,Z
- Gun is to Soldier as _____ is to Blacksmith.
a) Plane b) Hammer c) Nail d) Spaceship
- What will come next in 5 7 9 ___?
a) 12 b) 13 c) 16 d) 11
- Which number is wrong in the series 1, 3, 9, 28, 81, 243?
a) 9 b) 28 c) 81 d) 243
- Which does not belong to others?
a) Augusta b) Bible c) Quran d) Church



CADET COLLEGE KARACHI
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Second Session

Time: 1 hour 30 minutes

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Total Marks	50	50	50
Obtained Marks			
Examiner's Sign			

SCIENCE

Q.No.1: Circle the correct answer option like this: (x)

- i. The process in which food is oxidized in the cell this process is called?
a) excretion b) digestion c) respiration d) reproduction
- ii. The breakdown of complex, insoluble and large molecules into simple, soluble and small molecules by the action of enzymes, this process is called
a) digestion b) respiration c) reproduction d) excretion
- iii. Which is secreted by the Pancreas?
a) Saliva b) Bile c) Pancreatic juice d) Gastric juice
- iv. Where chemical digestion of carbohydrate starts?
a) mouth b) esophagus c) small intestine d) stomach
- v. Loose motion is medically called
a) diarrhea b) constipation c) tetanus d) angina
- vi. The process by which living organism increase their numbers is
a) respiration b) digestion c) reproduction d) excretion
- vii. The formation of zygote after the fusion of different:
a) embryo b) gametes c) nucleus d) all of these
- viii. In food chain, the process of decomposition occurs with the help of:
a) Producer b) primary consumer c) secondary consumers d) decomposers
- ix. Estuarine is the area where river meets with
a) pond b) stream c) sea d) pool
- x. The mass of atom is determined by:
a) neutrons+electrons b) protons+neutron c) electron+neutrons d) all of these

Q.No.2 Complete the following statements.

- i. Lungs receive deoxygenated blood from heart through _____.
- ii. The largest artery is _____.
- iii. The undigested food remove from body this process is called _____.
- iv. _____ is responsible for the transport of food throughout the plant.
- v. The maximum amount of transpiration in plants occur from _____.

- vi. Protective coverings on the outer side of the flower are called _____.
- vii. The process of water seepage in the land is called _____.
- viii. _____ gas is produced when fuel is burned.
- ix. Melting of Ice cream is a _____ change.
- x. The process in which solid directly change into gas, this process is called _____.
- xi. Our galaxy is called _____.
- xii. Splitting of white light into its component colours is called _____.
- xiii. Meter is the unit for the measurement of _____.
- xiv. The circuit that provides only one path for the flow of current is _____.
- xv. The international unit of current is _____.

Q.No.3 Answer the following Questions within 2 to 3 lines. Draw labeled diagrams where necessary.

Example Questions:

- i. What is pollination? Name types of pollination.
- ii. Give name of three parts of human respiratory system.
- iii. Define the following terms.
a. Ecosystem b. Community c. Population

MATHEMATICS

Q.1 a. Fill in the blanks:

- (i) $(A \cup B) \cup C = A \cup (B \cup C)$ is _____ property.
- (ii) If we round off the decimal 4.0863 up to two decimal places, we get: _____.
- (iii) $(x^3)^2 =$ _____.
- (iv) Sum of all angles of triangle is _____.
- (v) $\frac{x^6}{x^2} =$ _____.

b. Tick the correct option for the following statements. (✓)

- (i) A rectangular diagram is called pie chart. (True/False)
- (ii) 25 is not a perfect square. (True/False)
- (iii) If one angle of a triangle is 90° , it is called right angle triangle. (True/False)
- (iv) If Sale Price $<$ Cost Price, so there is a loss. (True/False)
- (v) π is the ratio of circumference of circle to its diameter. (True/False)

Q2: If $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$, $A = \{1, 2, 3, 4, 5\}$ and $B = \{6, 7, 8, 9, 10\}$

(a) Find $A \cup B$ and $A \cap B$.

(b) Verify both Demorgan's Laws

$$(i) (A \cap B)' = A' \cup B'$$

$$(ii) (A \cup B)' = A' \cap B'$$

Q3: Find HCF and LCM of 12, 15 and 40.

Q4: Find the square root of 676 by both factorization and division methods.

Q5: Simplify: $\frac{7}{8} + \left\{ \frac{5}{7} + \left(\frac{1}{2} + \frac{1}{3} \right) \div \frac{5}{6} \right\}$

Q6: Factorize: $x^2 + 12x + 36$

Q7: Find perimeter and area of square having each side 3.5 cm

Q8: Solve and verify $2x - 5 = 9$.

اردو

سوال نمبر 1: کسی ایک عنوان پر مضمون تحریر کریں۔

1 درازش کے فوائد 2 میری پسندیدہ شخصیت 3 دیکھی اور شہری زندگی کا فرق 4 چڑیا گھر کی سیر

سوال نمبر 2: مندرجہ ذیل جملوں میں املہ کی کچھ افلاطینیں انہیں درست کر کے جملے دوبارہ تحریر کیجئے۔

1۔ تاہم ہی انسان کا اسلی زیور ہے۔

2۔ فخر کرنے کی زبردست نہیں میرا گھر کر رہا ہے۔

3۔ مجھے کاروبار کے سلسلے میں آگہرا لاہور جانا پڑتا ہے۔

4۔ سفر کے دوران اپنا تلی میری بیعت گھرا رہا ہو گیا۔

5۔ اومید ہے کہ آپ خیر فریت سے لاہور پونہ گئے ہوں گے۔

سوال نمبر 4: دی گئی خالی جگہوں میں درج ذیل واحد کی جمع اور جمع کی واحد بتائیے۔

علم خیر سب بستیاں منزل

سوال نمبر 5: دی گئی خالی جگہوں میں درج ذیل الفاظ کے متضاد لکھیے۔

رحمت بلندی بلندی رخ غرور ظاہر

سوال نمبر 6: دی گئی خالی جگہوں میں درج ذیل ساہجے / لاجحے کے ساتھ ایک ایک لفظ بتائیے۔

با نا شان غیر دان

سوال نمبر 7: درج ذیل الفاظ و محاورات کو اپنے جملوں میں استعمال کیجئے۔

پابندی خیر قانونی آگ گولہ ہونا آب آب ہونا چار چاند لگانا آپ حیات دل شکنی۔ مال

اسلامیات

(FOR MUSLIM CANDIDATES ONLY)

سوال نمبر 1: کلمہ نظیہ کا ترجمہ تحریر کریں۔

سوال نمبر 2: حقوق العباد سے کیا مراد ہے؟ نیز والدین کے حقوق تحریر کریں۔

سوال نمبر 3: ارکان اسلام کتنے اور کون کون سے ہیں؟ کسی ایک کے بارے میں تفصیل سے لکھیں۔



PAKISTAN STUDIES

(FOR NON-MUSLIM CANDIDATES ONLY)

Q1. Choose the correct answer.

- i. Libya achieved freedom in _____? (1947, 1955, 1956)
- ii. When First World War ended _____? (1914, 1918, 1920)
- iii. Which of the following is the world's highest peak? (K2, Mount Everest, Hindukush)
- iv. Quaid-e-Azam was born on _____? (24Dec 1878, 25Dec 1876, 26Dec 1877)
- v. Maulana Muhammad Ali Johar died in London in _____? (Jan 1931, Feb 1932, Mar 1931)

Q2. Tick the correct option TRUE/FALSE. (✓)

- i. Allama Iqbal was died 20th April 1938. (TRUE / FALSE)
- ii. The Pakistan Resolution was passed in 1940 A.D. (TRUE / FALSE)
- iii. The congress won majority in 7 out of 10 Province. (TRUE / FALSE)
- iv. Liaquat Ali Khan was the first governor general of Pakistan. (TRUE / FALSE)
- v. There are many volcanoes in Indonesia. (TRUE / FALSE)

Q3. Fill in the blanks.

- i. Pakistan Independence Day falls on _____?
- ii. Bengal came to being as a Bangladesh in _____?
- iii. _____ is the capital-city of Libya?
- iv. After Khulfa -e- Rashdeen, the Caliphate passed into Khilafat Banu Abbass in _____ hijri?
- v. The name and the constitution of the RCD were changed, after the Islamic revolution in Iran, in order to make it more effective and useful. Now it is called _____?