

READ THESE INSTRUCTIONS FIRST

Write your ROLL NO, Name, Father's Name and Centre in the spaces provided on the right column only. **DO NOT WRITE YOUR PARTICULARS ANYWHERE ELSE IN THIS BOOKLET.**

Write in dark blue or black ink.

Answer **all** questions. [Total Time: 3 hours]

Write your answers in the spaces provided on the Question Paper.

The number of marks is given in brackets [] at the end of each question or part question.

Do not write in any of shapes given below anywhere in this booklet. These are for Examiners' use.



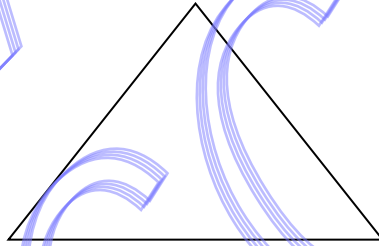
CADET COLLEGE HASANABDAL

Entry Test Class 8th & O-Level

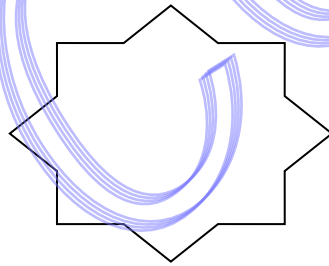
Roll No.

For Examiners' Use

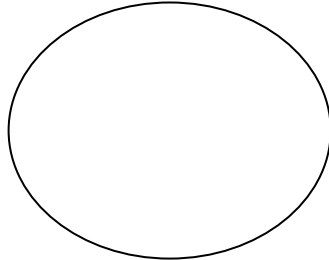
Section A
Mathematics



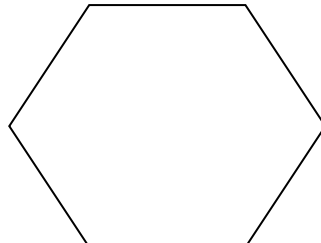
Section B
Intelligence Test & General Awareness



Section C
English



Section D
Urdu/ Islamiat



Name: _____

Father's Name: _____

Centre: _____

Use Last Page for Rough Work

DO NOT WRITE ON THIS PAGE

SAMPLE
CCH

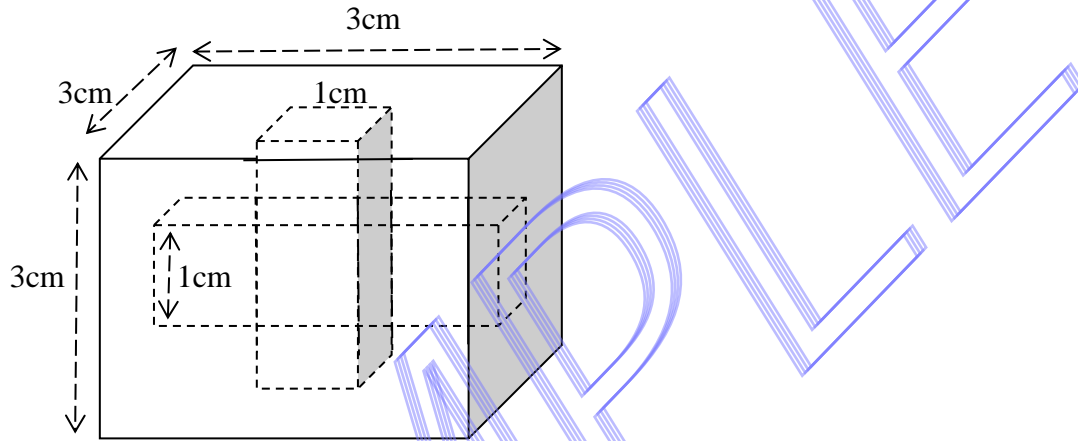
Section A (Mathematics)**Total marks [50]****Q.No.1 (A).** Fill the four blanks to make the addition correct;**[4]**

$$\begin{array}{r}
 \square \ 6 \ 3 \\
 7 \ \square \ 2 \\
 + \ 5 \ 7 \ \square \\
 \hline
 \square \ 0 \ 4 \ 2 \\
 \hline
 \end{array}$$

B). A shopkeeper bought 650 eggs for Rs. 7000. Out of those 62 eggs were broken and the shopkeeper sold the rest at Rs. 200 for 14 eggs. What was his profit or loss per cent?

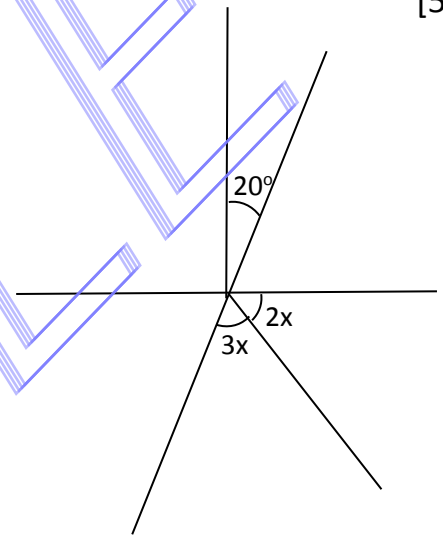
[6]

Q.No.2. The cube below has two square holes, one vertically from top to bottom, and the other horizontally from left to right. Find the volume of the solid. [10]

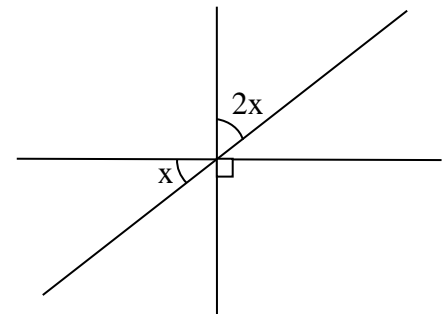


Q.No.3. Find the degree measure for the angles marked with x , by first forming equations in x and solve the equations. [5+5]

a).



b).



Q.No.4.(A). In a state election, Candidate A received 65% of the casted votes and secured 2400 votes more than candidate B. How many people voted in that election? [7]

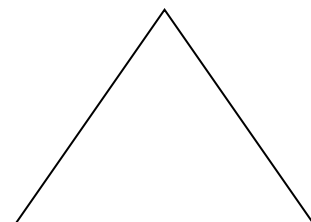
(B). From what polynomial must $(3x^2 - 2x + 1)$ be subtracted to give $x+x^2$ [3]

- Q.No.5.** Given that: **U** = The set non-negative even integers less than 11
A = Set of even integers between -2 and 7
B = The set of first four natural Numbers
C = The set of Non-positive numbers

Then prove that: $A - (B \cup C) = A \cap (B \cup C)'$

[10]

SAMPLE
CCH



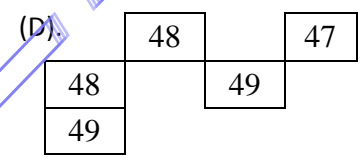
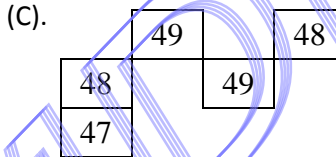
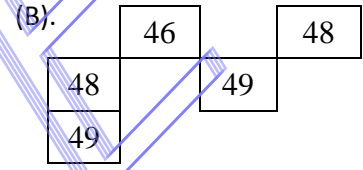
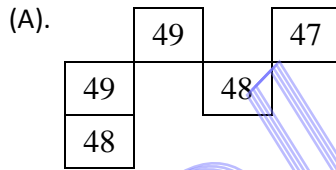
Section B [IQ Test & General Awareness]

Circle the correct answer in each case.

[20]

1. Which part will fit in the Table Below?

50	51	49	52	48
46	47	45	48	44
49	50		51	
47		46		45
48		47	50	46

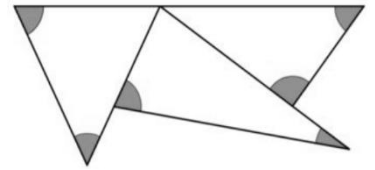


2. How many ten cent stamps are there in a dozen?

- (A). 120 (B). 12 (C). 10 (D). 20

3. What is the sum of the shaded angles in the given figure?

- (A). 180° (B). 270° (C). 360° (D). 450°



4. 'godabim' means kidney stones, 'romzbim' means kidney beans 'romzbako' means wax beans, Which word could mean "wax statue" ?

- (A). godaromz (B). lazvim (C). wasibako (D). romzpeo

5. How much does the square weigh?

- (A). 5 (B). 6 (C). 8 (D). 10

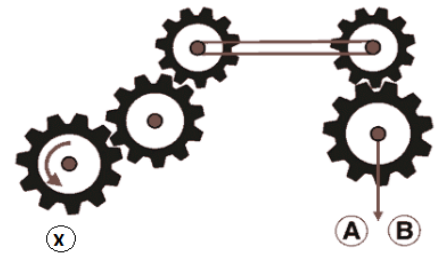


6. is to as is to ?

- (A). (B). (C). (D). ?

7. If gear 'X' rotates counter-clockwise then the arrow fixed with the gear on the right side will move towards;

- (A). Point A (B). Point B (C). None of these



8. Assume that published books are classified as novels, short stories, or story books according to the following classification: A novel has at least 300 pages, a short story has at most 100 pages and a story book has at most 500 pages. Then what can we say about a book that has 400 pages;

- (A). It is a story book (B). It is a novel
(C). It is a short story (D). Either a novel or a story book

9. Five cars have a race. The Honda beat the Dodge but couldn't overtake the SmartCar. The Mini failed to overtake the Audi but beat the SmartCar. Which car came last?

- (A). Mini (B). Dodge (C). Audi, (D). None of these

10. Select appropriate answer to complete the following letter series: D E C F B G A H Z I Y J ?

- (A). ZX (B). YK (C). MC (D). XK

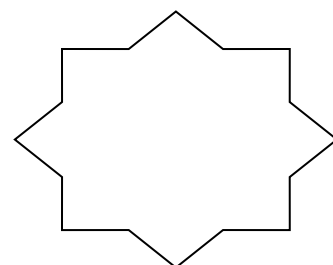
(GENERAL AWARENESS Questions)

Q. Very briefly (only 1 mark for each) answer the following questions in given space in front.

[20]

1.	What is the smallest denomination currency note in Pakistan?	
2.	In which province Gwadar port is located?	
3.	White light consists of how many colours?	
4.	In which year Pakistan successfully tested its Nuclear device in Chaghi district on 28 th May?	
5.	The highest military award of Pakistan is	
6.	ATM stands for?	
7.	The symbol ® at the end of many brand names means	
8.	ICU in hospitals stands for	
9.	What is the maximum speed limit for a car on Motor Ways in Pakistan?	
10.	How many medals did Pakistan win in Olympics 2016?	
11.	In which province of Pakistan famous tourist resort "Fort Munro" is located?	

12.	You must have heard ENT specialist doctor. What is meant by ENT.	
13.	Which bank controls all the banking system in Pakistan?	
14.	In which continent country Spain is located?	
15.	Which is a senior rank, a Navy's Captain or an Army Captain.	
16.	What is that shiny material inside a Thermometer?	
17.	Dehydration in human body is caused by the deficiency of	
18.	Write full date of the extra day of the next leap year.	
19.	PDF in computer documents stands for	
20.	Before 1971, country "Bangladesh" was called	



Section C - English

Total marks [50]

Q.1. Do as Directed.

[5]

i. Many a men was present there.

(Correct it)

Ans: -----

ii. He said, "Why were you late?"

(Change into indirect speech)

Ans: -----

iii. You as well as I ----- leaving for Karachi.

(Fill in the blank with the right verb)

iv. In the party he laughed at his friends with their jokes.

(Rearrange the jumbled sentence)

Ans: -----

v. You have complicated this situation.

(Provide the noun for the underlined word)

Ans: -----

Q.2. Change the following in to Adverbs and write in front of them.

[5]

i). courteous

ii). diligent

iii) polite

iv) neat

v) thoughtful

Q.3. Insert suitable prepositions.

[5]

i) He absented himself _____ the school yesterday.

ii) They agreed _____ what I said.

iii) The hunter aimed _____ the prey.

iv) He is enthusiastic _____ winning the competition.

v) The class is proficient _____ the use of preposition.

Q.4. Read the given passage and answer the questions.

[10]

Computers are capable of doing extremely complicated work in all branches of learning. They can solve the most complex mathematical problems or put thousands of unrelated facts in order. These machines can be put to varied uses. For instance, they can provide information on the best way to prevent traffic, or they can count the number of times the word "and" has been used in the Bible. Because they work accurately and at high speed, they save the research workers hard work. This whole process by which machines can be used to work for us had been called 'automation'. In the future 'automation' may enable human beings for more leisure than they do today. The coming of automation is bound to have important social consequences.

Questions

1. What are the jobs computer can do in the world of learning?

Ans: -----

2. How do computers save the hard work of the researchers?

Ans: -----

3. Define the process of 'automation' in your own words.

Ans: -----

4. Write down two advantages of automation.

(i) -----

(ii) -----

5. Write down synonyms of the following words which give the same meaning.

Word

Synonym

(i) Complicated -----

(ii) Leisure -----

Q.5. Translate the following passage into Urdu.

[10]

Television is one of the wonders of modern science. Many useful programmes on education, health and agriculture are telecasted. Interesting plays and films are shown at regular intervals. It is used for commercial advertisement as well. Nowadays, it has become one of the basic necessities of life. Those who watch television on regular basis have more and better knowledge of daily events.

ترجمہ

Q.5. Write a composition of about 200 WORDS on any **One** of the following subjects. [15]

i) Pleasures and Pains of Hostel Life.

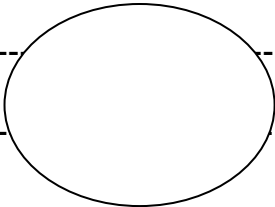
ii) My Efforts to Become a Good Citizen.

iii) Write a story with the following start

“She was drifting off to sleep when there was a sharp knock at the”

Topic: -----

SAMPLE
CCTH



حصہ اسلامیات
(کل نمبر : 10)

Note: In this section except Q.No 1, other questions can be answered in English.

سوال نمبر 1: سورة الفلق
ترجمہ لکھیں۔
(3)

یا
سورة الفیل
کا صرف

سوال نمبر 2: (الف)۔
بے؟

1. نماز میں رکوع سے کیا مراد
What is kneeling (Rakoh) in prayer?
[2]

(ب)۔ خطبہ حجۃ الوداع کے کوئی سے دو نکات لکھیے۔

2. Write any two points of 'farewe ll Hajj' sermon.
[2]

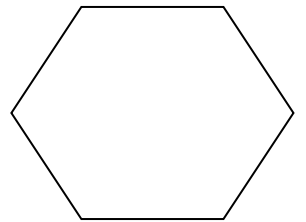
3. What is the number of Zakāt (Charity) in pillars of Islam?

(ج) - زکوٰۃ اسلام کا کون سا رکن ہے۔ اس کے دو فائدے لکھیے۔

Write its two benefits.
[2]

4. When "Battle of Badr" took place?
[1]

(د)۔ غزوہ بدر کب پیش آیا؟



SAMPLE
CCTH

محاورات کو جملوں میں استعمال کریں

سوال نمبر 4:

(5)

سبکدوش ہونا

سر سے کفن باندھنا

جلی کٹی سنانا

اوس پڑنا

با لائے تاک رکھنا

(۲۰) کسی ایک موضوع پر دی گئی جگہ پر ایک جامع
سوال نمبر 5: مضمون لکھیں۔

کبھی کبھی

میں سوچتا

ہوں۔۔

)

(ج۔

(ب۔

آلودگی ایک بڑھتا ہوا خطرہ

(ا۔

کوشش جاری رکھو

پیراگراف میں دیے گئے کوئی سے پانچ اسما کی جنس تبدیل

سوال نمبر 3:

کریں اور انہیں نیچے لکھیں۔

(5)

کل ہم سب چڑیا گھر گئے یعنی ہمارے ساتھ بھائی بھی تھے اور بہن بھی۔ وہاں ہر قسم کے جانور پنجروں میں قید دیکھے۔ سب سے پہلے سانڈنی پر نظر پڑی، جس پر بچے سواری کر رہے تھے، کچھ آگے ایک ہاتھی اپنی سونڈ اٹھائے چلا آ رہا تھا۔ بندر بھی اپنے پنجرے میں شرارتیں کر رہا تھا۔ ایک خوب صورت بھیڑ بھی ہم نے دیکھی۔

1. ----- 2. ----- 3. ----- 4. -----

5. -----

حصہ اردو

کل نمبر : ۵۰

دی گئی عبارت کو غور سے پڑھ کر آخر میں دیے گئے سوالات

سوال نمبر ۱

کے جوابات تحریر کریں۔

صبح کے وقت سمندر کا دیدار آنکھوں کو فرحت بخشنے والی چیز ہے تختہ جہاز پر کھڑے [10] ہو کر دیکھیں تو لہروں کا ایک لا تعداد سلسلہ نظر آتا ہے۔ جو ہوا کے نرم نرم جھونکوں کے اثر سے سمندر پر قریب قریب ہر وقت آتے رہنے سے ایک دوسرے کے پیچھے حلقے بناتا چلا جاتا ہے۔ ایسا معلوم ہوتا ہے کہ لہریں ایک دوسرے کے پیچھے دوڑ رہی ہیں۔ صبح کے وقت جب آفتاب نکلتا ہے اور اچھلتی ہوئی لہروں کی سفید جھاگ پر اس کی کرنیں پڑتیں ہیں تو قوس قزح کے سارے رنگ دفعتاً شفاف پانی کے تختوں پر چمک جاتے ہیں اور دور افق کے قریب سنہرا فرش بچھا ہوا نظر آتا ہے گویا سورج کے خیر مقدم کا سامان ہو رہا ہے۔

-1

صبح کے وقت سمندر کا منظر کیسا ہوتا ہے؟

-2

تختہ جہاز سے سمندر کیسا نظر آتا ہے؟

دور افق کے قریب کیا نظر آتا ہے؟

-3

4

پیراگراف میں کس کے استقبال کی تیاری کی جا رہی ہے؟

5

عبارت کا مناسب عنوان تجویز کریں

SAMPLE
CCH

SAMPLE
CCH

For ROUGH WORK

SAMPLE
CCH