

KENDRIYA VIDYALAYA AFS MANAURI

SESSION 2017-18

PERIODICAL TEST 1

CLASS XI

TIME 1 ½ HRS.

MM 50

Q1. Read the following passage carefully and answer the questions that follow:

8M

Arabic mathematicians made tremendous contributions to cryptanalysis — the science of decoding scrambled messages. Their interest stemmed partially from their religion.

The holy Quran contains revelations made by the Prophet Mohammed. The text contained dictated messages that the Prophet had received from the archangel Gabriel. However, these revelations were not necessarily placed in the order in which the Prophet had received them. To deduce the order of the revelations and place them in chronological context, Muslim scholars determined that some passages contained words coined more recently, and some contained words that were older.

Then, they counted the frequencies of words in each revelation, paying attention to the frequencies of modern and ancient words. Passages which contained a greater frequency of modern words were considered to have been written later.

In the ninth century, an Arab mathematician called Al-Kindi employed a similar technique to break encrypted messages — frequency analysis. Letters are ranked according to how commonly they occur. Then, the encrypted message is taken, and the most frequent letter appearing in the code is noted. The code is then compared to the language, and using the correspondence in rank, the encrypted message can be unscrambled. He described this in a book — *A manuscript on deciphering cryptographic messages*.

1. The art of deciphering scrambled messages has its roots in.....
 - a. cryptanalysis
 - b. Arabic language
 - c. religion
 - d. Mathematics

2. The Holy Koran documents the messages of
 - a. The Prophet Mohammed
 - b. Archangel Gabriel
 - c. Arabic hymns
 - d. Muslim Scholars

3. Placing the text of Koran in a sequential order was done.....
 - a. by determining the chronological order of events
 - b. with the help of Arabic mathematicians
 - c. by using the frequency of modern and ancient words
 - d. by breaking the cryptic code contained in the messages

4. Al-Kindi's contribution has been acknowledged in the field of.....
 - a. encrypting messages
 - b. cryptanalysis
 - c. language analysis
 - d. preparing a manuscript

5. The word in the last paragraph that means 'coding of a clear text' is.....

- a. deciphering
- b. encrypted
- c. revelation
- d. scrambled

6. What the Holy Quran contains? 1

7. Search the word in the given passage which have same meaning:
- i. Most important/of high quality (Para 1)
 - ii. to happen (Para 4)

Q 2. Read the passage given below and answer the questions that follow:

The first Olympics was held at Olympia in Greece in 776 BC. The prestige and glory of the Olympics spread far and wide. With the advent of Christianity the games lost their importance, as it was believed that they encouraged pagan worship in temples built to honour the Greek gods. It was Theodosius I who ordered the total destruction of the Olympia Sanctuary's temples and other structures in the year 394 A.D., which ended the era of the ancient Olympic games.

It was due to the efforts of Baron de Coubertin that the modern Olympics of the modern era began in 1896 and were held every four years except during the two World Wars.

The International Olympic Committee (IOC) was constituted in 1894. It had 15 representatives including Coubertin. The first Olympic medal was won by America's James Connolly in triple jump. The Marathon was the most important event and was won by a Greek named Spiridon Louis.

Olympia is a small village situated near the west coast of the Peloponnese Peninsula of Greece. It is noted for its archaeological ruins which are related to the temples for worship of Greek gods and the ancient Olympic stadium. The visitor is impressed by the grandiose ruins, which show temple foundations, ruins of the temple of Zeus, the tall columns, the altars and art objects that dot the site. Some of these objects are placed in the Archaeological museum. Another museum displays objects like stamps, photographs, documents, flags, maps and trophies belonging to the modern Olympics.

The games sought to bring various warring groups together in an atmosphere of friendly rivalry and competition. So a sacred truce would be called for the duration of the games that had assumed pan-hellenic importance.

Some of the events included in the games were foot-racing, wrestling, chariot racing and horse-racing. The names of the victors along with the name of events would be recorded for posterity. For the victors, it was the laurel wreath that was important as it signified their superior performance.

At the modern Olympics the sacred flame is lit at Olympia using sun power, by Greek maidens *dressed in white. The event is presided over by a Greek priestess. The flame is then carried in* a torch that travels across nations. The importance of the Olympic movement has been recognised over centuries as it brings people together in a spirit of friendly competition.

- a) **On the basis of your reading of the above passage make notes on it using headings and sub-headings. Use recognizable abbreviations, wherever necessary.**

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- b) **Write a summary of the above passage in about 80 words.**

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SECTION – B WRITING

3. You are Rakesh / Rave Head Boy / Head Girl of Oasis Public School, Bareilly. Draft a notice in lot more than 50 words for the school notice board, asking the students to give their names for taking part in the Inter- Class Swimming Competition. 4

4. Draft a letter to the Editor of *The Hindu* to highlight the problems of water logging in your locality. Also suggest ways to solve the problem. Sign yourself as Navin/ Namita of 24 ED AFS Manauri. 6

SECTION C GRAMMAR

5. The following passage has not been edited. One word has been omitted in each line. Write the missing word along with the word that comes before and the word that comes after it in your answer sheet against the correct blank number : (1/2 *8=4)

I at first unconscious of what had	I <u>was</u> at
happened when the iron cot fell but ironically	
I not woke up. Mother came and began to	(a).....
scream: “ I know what going on. I think	(b).....
some thief entered our house	(c).....
and still there. Where is Harish?	(d).....
What he doing? He has been abducted, I suppose,	(e)
O my God!”. By now I fully awake and knew	(f).....
Father soon appear and shout at Mother to	(g).....
Calm her down. He been quiet for a long time. I	(h).....
wondered where he was.	

6. Rearrange the following to form meaningful sentences : (4*1=4)

- a. In the past/Akshay/has taken/several examinations/six months
- b. the NDS examinations/ advice/appeared for/he/on his father’s
- c. his papers,/to take a break/having completed/he /decided/before the interview
- d. Akshay/is happy/because he is/an exciting career/ about to embark on/on the other hand,

SECTION D (TEXT BOOKS)

7. Read the following lines carefully and answer the questions that follow : (4*1=4)

The cardboard shows me how it was
When the two girl cousins went paddling,
Each one holding one of my mother’s hands,
And she the big girl — some twelve years or so.

- I. What does the cardboard show?
- II. Who were the two girls?
- III. Who is the big girl?
- IV. Name the poem and the poet?

8. The author’s grandmother was a religious person. What are the different ways in which we come to know this? 3
(Portrait Of a Lady)

9. How can you say Uncle Khosrove was a crazy man? 3

10. Who was the owner of Canterville Chase? What was the story behind it? 6