

SECTION A – English Grammar

READING

1. Read the passage given below and answer the questions that follow:-

My next pet was a pigeon. He was the most revolting bird to look at with his feathers pushing through the scarlet Wrinkled skin mixed with the horrible down that covers baby pigeons. We named him Ari. For a long time when all his feathers had not grown, Ari retained a spring of yellow down on his head which gave him the appearance of a pompous judge wearing a wig several sizes too small.

As he had no parents to teach him Ari became convinced that he was not a bird at all and refused to fly. If wanted to get on a table or a chair he stood below it cooing until someone picked him up. He would even try to come on walks with us. This However we had to stop for either you carried him on your shoulder or else you let him walk behind. If you let walk then you had to slow down your own pace to suit his for shoulder you get too far ahead you would find him running after you cooing frantically. His chest pouted out with indignation.

Ari refused to inhabit the pigeon loft. He preferred to sleep on the end of Jane's bed Eventually he was banished from the drawing room sofa for if Jane turned over in bed at night it would hobble up and perch on her face cooing lovingly. Ari we discovered liked music too he could recognize two different varieties If the tune was a waltz he would move around the gramophone bowing and cooing. For a military march however he inflated his chest and stomped up and down the room.

(a) Give the meanings of the words below. One word answer or short phrases will be accepted:-

(i) Revolting (ii) Retained (iii) Inhabit (iv) Banished (v) Inflated

(b) Answer in your own words.

(i) Why was Ari convinced that he was not a bird at all?

(ii) what happened if you walked fast with Ari?

(iii) What expression in the passage does the writer use in describing Ari that compares him with a human being.

(iv) Give a word which is used to express Ari's anger if was left too far behind while going for a walk with the family?

(v) Indicate how Ari loved music

2. Read the newspaper extract and Answer the question that follow.

UNITED STATES OF AMERICA

Big freeze in the Big Apple:

Snowstorm have gripped the eastern border of the USA and CANADA since the middle of last week standing thousands of diverse and closing airports. Several holidaymakers have had to put their Christmas vacation plans on holds. It seems for a while that Christmas is not always a blessing!

UNITED KINGDOM:

A lifelong dream of watching football at Wembley Stadium prompted Rakesh Mehra and his brother Mahesh Mehra to leave India to seek their Fortune in Britain 20 year ago. Although their first jobs included sweeping floors. Cooking and working in a factory the Mehra brother have built up one of largest Oriental and Indian food businesses in Britain. Noew they can watch as much football as they like cater to British Tastes for Indian and Oriental cuisines Ethnic cuisine LTD has recorded an annual turnover of nearly 27 million in catering

RUSSIA

Santa visits crew in space:

It seems that distance is no barrier in the festive season. Food and presents were delivered yesterday to Russian cosmonaut Sharipou and American astronaut Leroy Chiao at the international space station. Supplies fuel and research equipment made up the rest of the cargo delivered by an unmanned spaceship.

- (i) What does the word “Snippets” mean?
- (ii) why did the Mehra brothers make the news?
- (iii) Give an appropriate punch line to the Uk news about Mehra brothers.
- (iv) What is the special name given to a Russian space traveler?
- (v) Which word in the snippets means ‘Style of cooking’?

SECTION B – WRITING

3. Write an essay on any of the following topics:- (word limit – 150 words)

- (A) Today’s children carry heavy bags
- (b) More important than ‘friends’ are good friends’

4. Write a story based on the picture below. You story should be at least 150 words long.



- . In your story make use of the points below:/ what was the occasion for the family dinner?
- . Why was the poor boy out in the city?/ What did the family do when they saw the boy?
- . What did the boy do?/ What happened to the boy in the end?
- . You may recorder the points. You may also include other relevant points

5. Write a composition on the following in 150 words.

You were very excited on the day of the school's cross – country run. You got up at six in the morning to do some warm up before you took a bus to the school main gats. On the way there you were caught in a traffic jam. Based in the above situation, write a composition, making use of the points below:

- . What had you being doing to prepare yourself for the run?/ What caused the traffic jam ?
- . Why did you want to take part in the run?/ Where you on time for the run? Why?
- . What happened in the end?/ You may record the points. You may also include other relevant points.

SECTION C – GRAMMAR

6. Rewriting the sentence as directed in brackets, without changing the meaning of the sentences.

- (A) Does your mother have a map (Change the do have form to have got)
- (B) A bee stung me on the arm. (Start the sentence with 'I....')
- (C) Nobody knows who invented the wheel. (change the active sentences into a – passive one using it as a subject)
- (D) They are threatening to close down next year. (writing the complete sentence putting in the object 'the school')

(E) Here are some dry clothes. You can change into them. (Join the two sentences using that)

(F) I am giving you an application form. You should fill it in. (Join the two sentences using a to- infinitive)

(G) People don't tell you the complete truth. (Rewriting using an adverb in the correct position)

(H) It's less sunny today than it was yesterday. (Rewriting using as.....as)

(I) Ajay is listening to a concert. (change into an interrogative sentence).

(J) If you don't act now you will miss your chance. (Change if sentence into or sentence)

7. Fill in the blank with the correct option:-

(a) He would not.....me. (Listen to/hear)

(b) The river hasits banks. (Overflowed/overblown)

(c) I wasof my watch. (stolen/Robbed).

(d) James Watt.....the steam engine.(Invented/discovered)

(e) He.....Having murdered the old man. (denied/ Refused).

(f) He has not yet.....to my letter. (Answered/Replied)

8. Fill in suitable preposition

(a) Our teacher always insistedour being punctual to class

(b) Death is preferable Dishonor said the king's minister

(c) I have no appetiteany food just now"

(d) The young man showed his capacityhard work

(e) Mountain climbing is beset.....many danger.

(f) She came and sether

9. Write the antonyms of:

(a) Happiness:-

(i) Contentment (ii) Grief (iii) Renunciation (iv) Beatitude

(b) Innocent:-

(i) Sinful (b) Guilty (iii) Deadly (iv) Corruption

10. Write the synonyms of:-

(i) Encounter

(a) Solve (b) face (c) bear (d) overcome

(ii) Liberty

(a) Obligation (b) Rights (c) Freedom (d) Democracy

11. Change the voice and rewrite each one of the sentence below

- (A) The papers voice report that the elections are going on peacefully
- (b) They consider that India holds the key to success of democracy in the world
- (c) The officer was believed to be absolutely honest
- (d) My father locked the house before we went out.
- (e) "We have done twenty sums so far".

12. Rewriting the following sentence by replacing the underlined phrases with a single word.

- (a) The Man with two wives was charged in court.
- (b) He was short because he was one of the people who took part in the rebellion
- (c) People who step on privately owned land without permission will be prosecuted.
- (d) All the person who were disloyal to their country were hanged.
- (e) The people who indulged in unlawful and disorderly behavior were tear gassed by the police
- (f) People who come as settlers into another country have to face many problems.
- (g) All the streets were decorated with bright light as a sign of rejoicing.
- (h) He refused to obey or show respect to his superiors.

13. Fill in the blanks with the conjunctions given below:-

(yet, and, still, but, for, nor, or, as well as, so)

- (a) Our forest should not be destroyedthey help to bring rain.
- (b) He Knew Englishhe always spoke in parliament only in Hindi.
- (c) Agricultureindustry is important for our economic prosperity.
- (d) The time given wasshort that the candidates could not answer all the questions.
- (e) The child had a stomach upset.....we took him to a doctor.

14. Fill in the blanks with:- so, such a, such an,

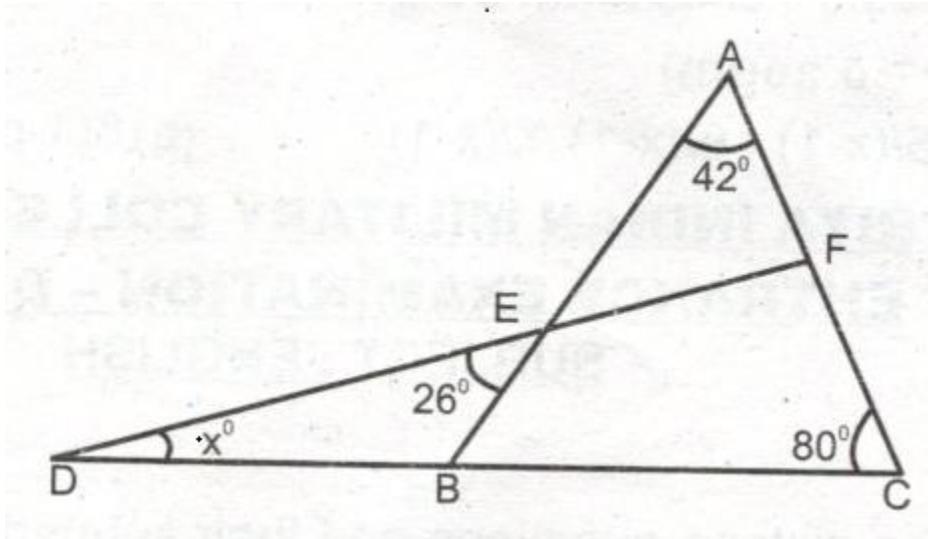
- (a) She gotnasty shock that she had to sit down for a minute.
- (b) The children wereexcited that they couldn't sleep.
- (c) His hair waslong that people thought he was a girl.
- (d) we hadcomfortable beds that we slept till 10 o'clock.
- (e) It waslovely day that we lingered on.
- (f) They boughtexpensive material that they had no money left for lunch.

3. To break the ice
 (a) to start quarreling (b) to end the hostility
 (c) to start a conversation (d) to end up partnership
4. To turn up one nose at the thing:-
 (a) To show eagerness to have something (b) to show indifference
 (c) to treat it with contemptuous dislike or disgust. (d) to start to fight
5. to have brush with
 (a) to start painting (b) to have good and pleasing terms
 (c) to be impressed (d) to have a slight encounter
19. Choose a set of words from the box that describe the person animal or thing below and use who or which to complete the description:-
 Fits showers and mends pipes measures temperature water an event Preys on small animals supports your head place the flute has prickles to protect it helps you do sums is man-made Performs operation
 (a) An eagle is a bird
 (b) A surgeon is a doctor.....
 (c) Plastic is a substance.....
 (d) Spectators are people.....
 (e) A hedgehog is an animal

MATHEMATICES

20. Write the rational numbers given below in descending order.
21. The average of a list of 10 numbers is '0'. If 72 and -12 are added to the ; list. What will be its new average?
22. The areas of three circles are in the ratio 4:9:25. Find the ratio their radii.
23. 11 men can dig 6 meters long trench in one day. How many men should be employed for digging a 27 meters long trench of the same type in one day?
24. The population of country in the 2004 was 50,000. If the population is reducing by 20 per thousand per year what would be the population of the country in the year 2006.
25. The side of a square is increased in length by 10%. Find the increase in area.
26. Arrange the digit 1, 2, 3, 4, and 5 in such a way that with the help of simple mathematical symbols (like -, +, =, ÷, ×), they will make 111, 222, 333. All five digits have to be used and only once.

27. After 12 years I shall be 3 times as old as I was 4 year ago. Find my present age.
28. A car is travelling at the average speed of 50 km/hr. How much distance would it travel in 30 seconds?
29. The diagonal of a rectangle is thrice its smaller side. Find the ratio of its sides.
30. Find X. $(5/3)^{-5} \times (25/9)^{-11/2} = (5/3)^{8x}$
31. If selling price of an article is $4/3$ of its cost price. Find its profit value of X.
32. In the figure $\angle BAC = 42^\circ$, $\angle ABC = 80^\circ$, $\angle FDC = X$, $\angle DEB = 26^\circ$. Find the value of X.



33. Find five rational number between $-3/2$ and $5/$.
34. How many 5 cm cubes can be cut from a cube whose side is 20cm?
35. A swimming pool is 20m in length 15m in breadth and 4m in depth. Find the costs of cementing of its floor are walls at the rate of Rs 12 per square meter.
36. By selling a house for Rs 144000, a dealer loser $12 \frac{1}{2} \%$. At what price must he sell the house to make a profit of 5%.
37. A rectangular tank 1.5m long, 1.2m broad and 1.8m deep is half full of water. If a brick absorbs $1/15$ of its own volume of water how many bricks 15cm long, 6cm broad and 5cm thick must be put in to tank so that the water may just reach the top of the tank.
38. If $x^2 + \frac{1}{x^2} = 27$ Find the value $x^3 - 1/x^3$.
39. Three prize are to be distributed in a quiz contest. The value of the second prize is five-sixths the value of the first prize and the value of the third prize is four-fifths that of the seconds prize the value of the three prize is Rs 450, find the value of each prize.

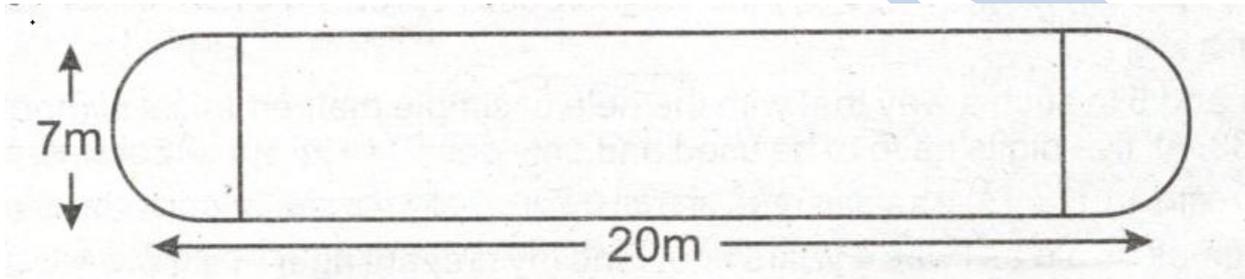
40. 1000 soldiers in a camp had enough food for 20 days. Some soldiers were transferred to another camp and the food lasted for 25 days. How many soldiers were transferred from the camp?

41. Factorize.

(i) $x^2 + 2x - 15$ (ii) $16x^2 - 9x^2$ (iii) $2-50x^2$ (iv) $x^6 - 2x^3y^3 + y^6 + x^3 - y^3$

42. A sum of money is lent at simple interest which amount to Rs 3192 in 3 year and to 3720 in 5 year. Find the sum of money and the rate of interest.

43. A shape of a garden is rectangular in the middle and semi-circular at the end shown in the diagram. Find the area the perimeter of this garden.



44. Two buses do a journey between two cities 200km apart. One bus A moves at 50 kph one way and 40 kph on the return. The other bus B does 45 kph on both journeys.

(i) Which bus takes lesser time to cover the to and fro distance

(ii) Do they both take equal time

45. Divide.

(i) $x^7 - y^7$ by $x - y$ (ii) $3y^4 - y^3 + 11y^2 + 2$ by $3y^2 - 1$

46. The external length width and height of a closed wooden box are 30cm, 18cm and 20cm respectively, if the walls of the box are 1.5cm thick. Find the capacity and weight of the box. (Given $1cm^3 = 0.80gm$)

47. Solve

(i) $4/(x - 1) - 5/(x - 1) = 6/(x - 1) - 7/(x - 1)$

(ii) $5(1-p)/3 - (3p - 1)/5 = -3p - 1/3$