EXTINCTION OF SPECIES

Evolution and extinction of species is a natural process. It is believed that about 200 species of mammals and birds have become extinct in the past 2000 years. Though there are several natural causes and reasons for specie extinction. The modern man has accelerated the speed of animal extinction. Some species are now present in such small number that if not protected they will soon become extinct.

There are many causes for the extinction of animals. First, if the environmental condition changes so rapidly that the animals are unable to adapt to new changed environmental conditions, several species might become extinct. The extinction of dinosaurs is believed to have been effected because of sudden drop in temperature. Second, sometimes sudden outbreak of diseases or infection also changes the environmental condition causing specie extinction. Third, excessive hunting of animals also lead to extinction. Fourth, man-induced environmental changes also cause specie extinction.
Man changes his environmental conditions through a variety of his activities, e.g., land use, habitat removal chemical and atomic wars, deforestation, etc. This alters the equilibrium of ecosystem which causes extinction of some species.

I. Give any two reasons for the extinction of animals? (2)

II. The speed of animal extinction has been accelerated by - (1)
   (a) natural process (b) natural causes
   (c) new environmental conditions (d) modern man

III. ................. and ................. are natural process. (2)
   (a) evolution and temperature change (b) extinction and hunting
   (c) evolution and extinction (d) extinction and change in environmental condition

IV. Dinosaurs became extinct because of (1)
   (a) natural process (b) evolution
   (c) environmental condition (d) drop in temperature

V. Which of the following are adjectives: (1)
   (a) excessive hunting (b) evolution and extinction
   (c) environmental condition (d) mammals and bird

VI. Explain the meaning of the following words: (3)

   (i) Evolution
      (a) The process of developing into different form (b) complex form
      (c) ordered movements (d) root of a quantity

   (ii) Accelerated
      (a) To cause move slower (b) motion
      (c) force (d) increase speed
A.2. Read the passage carefully and answer the questions that follow: (5)

A tailor used to carry business in some village. One day, the headman of the village came to him to get his shirt made. The tailor handed him the pipe, so that he might have two or three puffs and then said, “While you smoke, you may also tell me some story as you read a lot of books”. He replied “O worthy man, I read a very surprising thing in a book from Delhi. It is written there in that whosoever has a small head and a long beard is always silly, I do not know whether it is true or not.” The tailor replied, “No Sir, this thing indeed no one is going to believe.” After a short time, the headman went away. Now the tailor was absorbed in thought. He was much worried because his beard was long and head small. He thought, “What should I do? My head indeed cannot become bigger. Of course, one thing is possible. I can make my beard shorter by trimming it. Thinking so, he began to look for the scissors. They were somehow not traceable. At last being tired and helpless, he thought of another remedy. Lighting a lamp, he brought it close to his beard. He seized his beard with the left hand and the lamp with the right hand. His object was to make the beard a little shorter. As soon as the beard caught fire, the fire reached quickly upto the hand. He saved his hand but let go the beard. The whole of the beard was burnt. He felt greatly ashamed and began to think, “What is written in the book is quite correct. There is no doubt that “I have committed a great folly.”

(a) Why did the headman visit the tailor’s shop?
(b) Why was the tailor worried, after the headman left?
(c) The tailor wanted to shorten his beard because ……….
(d) Why did the tailor say, “I committed a folly?”
(e) Find antonym for the following words:

(i) Short
(a) fall (b) more (c) long (d) suddenly

(ii) Silly
(a) gentle (b) wise (c) innocent (d) notorious

A.3. Read the poem below and answer the questions that follow: (5)

Of all the days that’s in a week
I dearly love but one day –
And that’s the day that comes betwixt
A Saturday and Monday;
For then I’m drest all in my best
To walk abroad with Sally;
She is the darling of my heart
And she lives in my alley.
My master carries me to church,
And often I am blamed
Because I leave him in the lurch
As soon as text is named;
I leave the church in sermon time
And slink away to Sally;
She is the darling of my heart
And she lives in our alley.

(a) But one day refers to
(i) Tuesday                              (ii) Friday
(iii) Saturday                           (iv) Sunday

(b) On his special day he is happy because
(i) he is dressed well                    (ii) he goes to church
(iii) he can spend time alone with Sally  (iv) it is a holiday

(c) The master blames him because
(i) he stole the master’s money           (ii) he leaves the master alone in the church
(iii) he spends too much time with Sally  (iv) he does not finish his work

(d) The meaning of ‘betwixt’ refers to
(i) huge                                (ii) Childish
(iii) between                           (iv) dearest

(e) the meaning of ‘slink away’
(i) to walk stealthily                    (ii) to make friend
(iii) to play prank                       (iv) to hurt someone
SECTION - B (WRITING)

B.4 You are Tarang Singh, the Secretary of the Environment Club of your school. You have recently seen that the students scribble on the walls of their classrooms and carve some unpleasing things on the tables and chairs as well. You are very sad and decide to write a notice for the students to promote the habit of keeping the walls and tables neat and clean. Write the notice in about 50 words and put it in a box.

B.5. Read the information given in the box regarding Albert Einstein and prepare a bio-sketch in about – 120 words:

<table>
<thead>
<tr>
<th>Name</th>
<th>Albert Einstein</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Birth</td>
<td>14th March – 1879 - town of Ulna - Attends Catholic school till the age of 10 – learnt violin at early age of 6</td>
</tr>
<tr>
<td>His Theory</td>
<td>Gives a new relativity theory called ‘Special Theory’</td>
</tr>
<tr>
<td>Awards</td>
<td>Swedish Academy awarded Nobel Prize</td>
</tr>
<tr>
<td>Death</td>
<td>Breathes his last - April 17th 1948</td>
</tr>
</tbody>
</table>

B.6. You are Sumit Khanna, staying at the University Apartments of Kanpur. The main road leading to this colony has five open manholes causing frequent accidents at night. Write a letter to the Editor of The Times of India drawing attention of the government to this problem of the residents.

B.7. You are Kartik / Kartika Dhiman. You have to write an article on the topic ‘Good Citizen’. You referred to many books, journals and magazines and came up with the following notes. Write your article using these notes in about 125 to 150 words.

- Good citizen is not self centered.
- He performs his duties.
- He shows his loyalty for the nation.
- He respects the laws of his country.
- He co-operates with others.

SECTION - C (GRAMMAR)
C.8. Rewrite the following sentence using punctuations marks and capital letter. (2)

(a) John said I am in a hurry and cant spare time.

C.9. Fill in the blanks with appropriate modals: (2)

(a) We ------------ to love our parents. (duty)
(b) We ----------- run or shall miss the bus. (advice)
(c) He ------------ to go for a walk every evening. (habitual past)
(d) We ------------ keep our promise. (compulsion)

C.10. Rewrite the following sentences using the word in bracket in its proper place: (2)

(a) He has hurt any person (never)
(b) He did well in the examination (fairly)
(c) I have any money (hardly)
(d) The train is fast (fairly)

C.11. Fill in the blanks with the correct Adverbs formed from the Adjectives given in the bracket: (2)

(a) He treated him very________. (cruel)
(b) He writes _________.(legible)
(c) She works _________.(steady)
(d) The children played _________ in he park.(merry)

C.12. Complete these sentence with the suitable forms of the verbs given in the brackets. (0.5x4=2)

(a) I ________ (learn) a lot about painting from him.
(b) At the moment he ________ (plan) to buy a house.
(c) My friend ________ (leave) for U.S.A. tomorrow.
(d) I ________ (do) my work when my friend arrived.

C.13. Rearrange the following words to make them meaningful sentence. (1x5=5)

(a) very / was / the / big / crowd
(b) are / of / made / glass / bottles
C.14. Convert the following sentences into indirect speech. (1x5=5)

(a) He said, “My pen is lost.”
(b) The leader said, “I will fight now.”
(c) The teacher said, “Two plus two makes four.”
(d) The old man asked, “Where is your family”.
(e) The beggar said, “Can you give me a ten rupee note?”

SECTION - D (LITERATURE)

D.15. Read the following lines carefully and answer the questions that follows: (3x3=9)
(a) “Our lays are of cities whose luster is shed. The laughter and beauty of women long dead”

(i) Name the poem and who has written it? (1x3=3)
(ii) What does ‘lays’ mean?
(iii) What does the singer sing about?

(b) ‘Such men as thou are England’s boast’

(i) Who said these words and to whom? (1x3=3)
(ii) Do you think the other person was suitable for the title?
(iii) Why does the speaker call the other person ‘England’s boast’?

(c) “Now be powerful, careful Ben. I’m risking an awful lot just letting you do that”

(i) Who is the speaker? (0.5)
(ii) What does he ask Ben to be careful about? (1)
(iii) What did he say he was risking? Was he really taking a risk? (1.5)

D.16. Answer the following questions in not more than 25-30 words (2.5x6=15)
(a) Who was Samuel? How did Swami portray him?
(b) What was the first raga Tansen sang at Akbar’s Court? What was special about it?
(c) What kind of feelings did Hellen Keller’s handicap create in her?
(d) Who had sent a doll for Hellen? What does Miss Sullivan try to teach Hellen while she played
with the doll?

(e) What advantage did Tansen have in going to live with Pir Baba?

(f) The Miller’s voice was ‘loud and free’. Why was the king surprised at this?

D.17. Write a character sketch of Swaminathan or Tom Sawyer in not more than 120 words.(6)