

**Z-0-A**

Roll No.....

Total No. of Questions : 12)

[Total No. of Printed Pages : 15

**11<sup>th</sup>SZARJD22**

**6400-A**

**ENGLISH**

Time : 2.30 Hours]

[Maximum Marks : 80

**Section-A**

**(Reading Comprehension)**

1. Read the following passage. Make notes and write a summary with a suitable title :

Crocodiles belong to an ancient group of reptiles in existence for millions of years. Crocodilians very similar to present day species appeared on the earth during the Triassic era of earth history, C.190

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million years ago. The survival of the crocodilians over a long period of earth history is perhaps due to their needs being easily met, living as they do on the edge of two life zones, water and land, and being able to find their prey from both zones. Indian crocodiles look alike and it is difficult to distinguish in the wild, without considerable experience, the Marsh crocodile which lives in the lakes and rivers of India and the Estuarine crocodile which lives in the coastal river estuaries. Only the Gharial, or long-snouted crocodile, of the great rivers the Indus, the Ganges, the Brahmaputra and the Mahanadi can be easily identified by its comparatively longer and slender snout. All crocodilians show certain structural adaptations for a successful aquatic life. The nostril is placed at tip of the snout enabling the animal to breath when the rest of the body is submerged. The nostril

and the ears are provided with flaps for closing them when the animal submerges. The eye has a transparent third eyelid permitting limited underwater vision. Folds on the tongue and palate prevent water from entering the lungs when the mouth is open under water. Curiously enough the crocodile cannot protrude its tongue like other reptiles.

The shape of the body follows the generalised reptilian pattern of long body and tail with short limbs. The skin of the back is armoured with bony plates arranged in transverse series. The tail, similarly armoured, bears two rows of serrated scales which merge before the tail end.

Crocodylians were threatened in India due to indiscriminate killing for commercial purposes and severe habitat loss until enactment of the Wildlife (Protection) Act, 1972. All three species of crocodiles were on the verge of extinction by the seventies. Crocodiles were very few

because of ever increasing human activity in the rivers and their other traditional habitats, and consequent reduction in the extent of habitable stretches. Also, the survival rate of the crocodile hatchlings in nature is low because of predation. Piecemeal efforts were being made from the sixties onwards to save the crocodiles. A crocodile conservation was launched in 1975 in different states and The Gharial and salt water crocodile conservation programme was first implemented in Odisha in early 1975. 5+5=10

2. Read the following passage and answer the questions that follow :

A vaccine is a biological preparation that provides active acquired immunity to a particular infectious disease. A vaccine typically contains an agent that resembles a disease-causing micro-organism and is

often made from weakened or killed forms of the microbes, its toxins or one of its surface proteins. The agent stimulates the body's immune system to recognize the agent as a threat, destroys it, and to further recognize and destroy any of the micro-organisms associated with that agent that it may encounter in future. Vaccines can be prophylactic (to prevent or ameliorate the effects of a future infection) or therapeutic (to fight disease that has already occurred, such as cancer) some vaccines offer full sterilizing immunity, in which infection is prevented completely. The discovery of vaccines can be heralded as one of the most important milestones in the history of medical science. Yet, even today, not much advancement has been witnessed in ensuring the access or delivery of vaccines to the entire populace. This is exemplified by the fact that nearly 2 million infant deaths are reported due to infections for which immunisations are inaccessible or non-existent.

Way back in the 1990s when the WHO called for developing inexpensive oral vaccines not requiring refrigeration, Charles Arntzen of the Texas University came up with the ingenious concept of 'edible vaccines'.

His idea was inspired by an incident where a mother was trying to console her crying child by offering a piece of banana.

Clubbing this to an already existing concept of developing transgenic plants, Arntzen contemplated the possibility of engineering plants to express vaccines in their edible parts. Apart from being a cheap and feasible technology, edible vaccines can overcome logistic and cold storage problems associated with the conventional vaccines. Above all, it can avert the use of needles, of which every mortal being is terrified of!

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Questions :

- (i) Does the author consider inaccessibility of vaccines to be the reason for two million infant deaths ? Yes or No.
- (ii) What makes vaccines edible ?
- (iii) What does ingenious mean ?
- (iv) The most important thing considered while making edible vaccines was :
- (a) Expense
- (b) Not requiring refrigeration
- (c) Avert use of needles

(v) The vaccine is a biological preparation that provides .....

(Complete it)

(vi) Two synonyms of mortal are ..... and .....

(vii) To contemplate means to (a) think about (b) plan about.

(viii) Is vaccination important or just a business gimmick ?

(ix) Is the writer hopeful that edible vaccines can be used by people ?

(x) Vaccine typically is developed by weakening the disease-causing micro-organism and its surface proteins.

(True/False)

1×10=10

### Section-B

#### (Writing Skills and Grammar)

3. You are the head boy/girl in your school. Health Department has organised a free general medical check up of all the students in your school. Draft a poster giving all the necessary details. (50 words)



Or

You are a volunteer worker in an N.G.O. 'Helping Minds'. The NGO has organised a free camp on mental health awareness. Draft an advertisement giving all the details about the event. (50 words) 1×4=4

4. The best country for education ranking number one in the world is the U.S.A. As a Principal of a school, write a letter to the Commissioner Secretary of Education to organise a student exchange programme with a Higher Secondary School in the U.S. for fifteen days to acquaint the students about the different system of teaching and learning methods and to adopt them for the betterment of your teaching learning in your school. (120–150 words)

Or

There is a dire need to impart moral education in schools. Write a letter to the Director Education requesting him to introduce moral education as a compulsory subject in the schools. Suggest ways to introduce books in schools that are secular in nature to promote common brotherhood among students. (120–150 words)

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5. Write an e-mail to your friend thanking him/her for the gifts he/she has sent you on the festival of Eid. <https://www.jkboseonline.com>

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6. Eve teasing is a punishable offence. You witnessed eve teasing on a street today and the public was indifferent because of the fear created by the perpetrators. As a reporter with 'Cleaner Kashmir' write a report for the newspaper. (200–250 words)

Or

A lot of measures have been taken by the government to aware people about the importance of Covid vaccination. Despite that, a big chunk of population considers vaccination a business gimmick and refuse it. Write an article for a newspaper giving an analysis of the situation. (200–250 words)

1×8=8

7. Eight grammatical errors in the following passage have been underlined and numbered 1 to 8. Correct them and write down the correct forms only against the respective number.

When Paul Bunyan <sup>grew</sup> grow (1) up, he was <sup>taller</sup> tall (2) than other men by about 50 feet or so. Because of his size he could do almost anything.

One of the things he did best was to cut down trees and turn them <sup>into</sup> of (3) lumber. For (4) only four strokes of his axe he can (5) cut off all the branches and bark. After (6) he turned all the trees for miles <sup>into</sup> off (7) these tall square posts, he tied a <sup>longer</sup> longer (8) rope to an axe head.

1×8=8

**Section-C**

**(Literature)**

8. Read the extract given below and answer any *two* of the questions that follow :

And who art thou, said I to the soft

falling showers,

Which, strange to tell, gave me an

answer, as here translated

I am the Poem of Earth, said the voice of the rain

- (i) Why did the writer find it strange to receive an **answer** ?
- (ii) Which poetic device has been used in these lines ?
- (iii) Why did the writer translate the answer given by rain ? 1x2=2

9. Answer any *five* of the following questions :

(i) Why has been the planet called 'The Ailing Planet' ?

(ii) Is the son responsible for his father's helplessness in the poem 'Father to Son' ?

(iii) Write two instances in the poem which highlight its humour and irony in "The Tale of Melon City".

(iv) Why was Howard Carter's investigation about King Tut resented by some people ?

(v) Write briefly the narrator's attitude to English in Ranga's marriage.

(vi) What confused Andrew ? How did he save Susan ? 2×5=10

10. We shall leave behind a devastated earth for our future generations if we do not attend to it now and respect and obey the laws on betterment and safety of our environment. Discuss. (120–150 words)

*Or*

The bonds between the old and the young family members have changed with the fast changing world. What reasons do you think has brought this change ? Can it be averted ? Discuss. (120–150 words)

1×6=6

11. After reading the play 'Mother's Day', do you think the status of your mother in your family needs to be changed ? What do you think she lacks the most, that needs to be addressed to ? (120–150 words)

*Or*

What opinion of the king do you form after reading 'The Tale of Melon City'. (120–150 words)

1×6=6

12. After reading the lesson 'We are Not Afraid to Die..... If We can All Be together', is it sensible enough to undertake such adventurous expeditions as going to a vast ocean risking one's life and his/her family ? Discuss. (120-150 words)

Or

How do you differentiate between Chinese view of art and the European view of art ? Discuss. (120-150 words)

1x6=6