

JHARKHAND COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING, RANCHI

SECOND TERM EXAM

2021-2022

MODEL QUESTION PAPER

Set 2

Class 11	Subject English Core	Full Marks 40	Time 1 ½ Hrs
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General Instructions:

- i. Candidates are required to give their answers in their own words as far as practicable.
- ii. All the answers must be correctly numbered as in the question paper.
- iii. All parts of a question must be written together.
- iv. Answers of the questions must be in the context of the instructions given therein.

Section A

Read the following passage and answer any five questions in short. 2x5=10

Artificial Intelligence (AI) is much more than just a buzzword nowadays. It powers facial recognition in smartphones and computers, translation between foreign languages, systems which filter spam emails and identify toxic content on social media and can even detect cancerous tumors. These examples, along with countless other existing and emerging applications of AI, help make people's daily lives easier, especially in the developed world.

As of October 2021, 44 countries were reported to have their own national AI strategic plans, showing their willingness to forge ahead in the global AI race. These include emerging economies like China and India, which are leading the way in building national AI plans within the developing world.

Oxford Insights, a consultancy firm that advises organisations and governments on matters relating to digital transformation, has ranked the preparedness of 160 countries across the world when it comes to using AI in

public services. The US ranks first in their 2021 Government AI Readiness Index, followed by Singapore and the UK. Notably, the lowest-scoring regions in this index include much of the developing world, such as sub-Saharan Africa, the Caribbean and Latin America, as well as some central and South Asian countries.

The developed world has an inevitable edge in making rapid progress in the revolution. With greater economic capacity, these wealthier countries are naturally best positioned to make large investment in the research and development needed for creating modern AI models. In contrast, developing countries often have more urgent priorities, such as education, sanitation, healthcare and feeding the population, which override any significant investment in digital transformation. In this climate, AI could widen the digital divide that already exists between developed and the developing countries.

1. Why does the developed world have an edge in making rapid progress in the digital revolution?
2. Why are the developing countries not able to make investments in the research and development needed for creating modern AI models?
3. What are the lowest-scoring regions in Government AI Readiness Index using AI in public services?
4. What does AI stand for? What are some of the functions of AI?
5. How many countries were reported to have their own national AI strategic plans as of October 2021?
6. Name two developed and two developing countries mentioned in the given passage.
7. Find out the word which means the same as 'eagerness'?

SECTION – B

Answer any two of the following questions in not more than 100 words.

5x2=10

8. Write a letter to the Editor of "The Indian Express", Mumbai, expressing your deep concern on the depletion of water table in summer. Suggest some ways to conserve rain water so as to improve the condition of ground water.

9. You are Shiva/ Deepika, the Head boy/ Head girl of your school. Write a notice to be displayed on your school notice board about the farewell programme for class 12 that is to be organised in the school premises next Monday.

10. Write an article on "The Negative Effects of Video/Online Games on Students" to be published in your school magazine.

SECTION- C

Answer any five of the following questions in not more than 50 words.

3x5=15

11. What are the four biological systems of the earth? What is the state of earth's biological systems now and why?

12. For whom is Taplow waiting and why?

13. Why did the author want to go to the Mount Kailash? What challenges did he face on his way to the Mount Kailash?

14. What loss did the poet talk about in the poem 'Childhood'? What did the poet realise when he crossed the age of eleven years?

15. What sort of relationship do the father and the son have in the poem 'Father to Son'?

16. What does Elsa think is enough to pass the examination?

17. Who was Joe Morgan? Why was he waiting for Dr. Andrew Manson?

SECTION – D

Answer any one of the following questions in not more than 100 words:

5x1=5

18. Who were Yuri and Elsa? What role did they play in Einstein's life?

19. Describe the character of Taplow in the play 'The Browning Version'?