

K23U 4122

Reg. No. :

Name :

**I Semester B.Sc. Honours in Mathematics (C.B.C.S.S. – OBE – Regular/
Supplementary/Improvement) Examination, November 2023
(2021 to 2023 Admissions)
Common Course
1A01 ENG – BMH : COMMUNICATIVE ENGLISH**

Time : 3 Hours

Max. Marks : 60

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

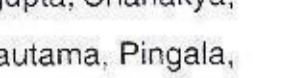
The National Education Policy 2020 is the first education policy of the 21st century and aims to address the many growing developmental imperatives of our country. This policy proposes the revision and revamping of all aspects of the education structure, including its regulation and governance, to create a new system that is aligned with the aspirational goals of 21st century education, including SDG4, while building upon India's traditions and value systems. The National Education Policy lays particular emphasis on the development of the creative potential of each individual. It is based on the principle that education must develop not only cognitive capacities – both the 'foundational capacities' of literacy and numeracy and 'higher-order' cognitive capacities, such as critical thinking and problem solving – but also social, ethical, and emotional capacities and dispositions .

The rich heritage of ancient and eternal Indian knowledge and thought has been a guiding light for this Policy. The pursuit of knowledge (Jnan), wisdom (Pragya), and truth (Satya) was always considered in Indian thought and philosophy as

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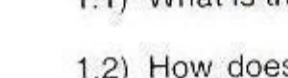
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the highest human goal. The aim of education in ancient India was not just the acquisition of knowledge as preparation for life in this world, or life beyond schooling, but for the complete realisation and liberation of the self. World-class institutions of ancient India such as Takshashila, Nalanda, Vikramshila, Vallabhi, set the highest standards of multidisciplinary teaching and research and hosted scholars and students from across backgrounds and countries. The Indian education system produced great scholars such as Charaka, Susruta, Aryabhata, Varahamihira, Bhaskaracharya, Brahmagupta, Chanakya, Chakrapani Datta, Madhava, Panini, Patanjali, Nagarjuna, Gautama, Pingala, Sankardev, Maitreyi, Gargi and Thiruvalluvar, among numerous others, who made seminal contributions to world knowledge in diverse fields such as mathematics, astronomy, metallurgy, medical science and surgery, civil engineering, architecture, shipbuilding and navigation, yoga, fine arts, chess, and more. Indian culture and philosophy have had a strong influence on the world. These rich legacies to world heritage must not only be nurtured and preserved for posterity but also researched, enhanced, and put to new uses through our education system.

The teacher must be at the centre of the fundamental reforms in the education system. The new education policy must help re-establish teachers, at all levels, as the most respected and essential members of our society, because they truly shape our next generation of citizens. It must do everything to empower teachers and help them to do their job as effectively as possible. The new education policy must help recruit the very best and brightest to enter the teaching profession at all levels, by ensuring livelihood, respect, dignity, and autonomy, while also instilling in the system basic methods of quality control and accountability.



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The new education policy must provide to all students, irrespective of their place of residence, a quality education system, with particular focus on historically marginalised, disadvantaged, and underrepresented groups. Education is a great leveller and is the best tool for achieving economic and social mobility, inclusion, and equality. Initiatives must be in place to ensure that all students from such groups, despite inherent obstacles, are provided various targeted opportunities to enter and excel in the educational system.

Give short answers to the following questions :

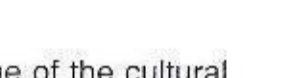
- 1.1) What is the primary objective of the National Education Policy 2020 ?
1.2) How does the NEP 2020 aim to align education with the goals of the 21st century ?
1.3) What kinds of capacities and dispositions does the NEP 2020 emphasise in addition to cognitive skills ?
1.4) According to the passage, what were the primary goals of education in ancient India ?
1.5) How has India's rich heritage influenced the development of the National Education Policy ? (5x2=10)

Attempt the following questions in **two** or **three** sentences :

- 1.6) Name some ancient Indian institutions and scholars who made significant contributions to knowledge.
1.7) According to the passage, what role should teachers play in the education system, and what changes are expected in their status ?
1.8) What is the importance of providing a quality education system to historically marginalised and underrepresented groups, as mentioned in the passage ? (3x2=6)

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2. The following description is taken from the webpage "Keralatourism.org" managed by the Ministry of Tourism, Government of Kerala. Read the description and answer the questions that follow :

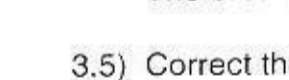
Kerala, located on the south-western tip of India, enjoys unique geographical features that have made it one of the most sought-after tourist destinations in Asia. Fondly referred to as 'God's Own Country', Kerala was selected by the National Geographic Traveller as one of the 50 destinations of a lifetime and one of the thirteen paradises in the world.

An equable climate, serene beaches, tranquil stretches of backwaters, lush hill stations and exotic wildlife are the major attractions of this land. A unique advantage of Kerala is that most of the destinations here are only a two-four hour drive from the other.

Classical art forms, colourful festivals, exotic cuisine are some of the cultural marvels that await travellers. Ayurveda, the ancient Indian system of medicine and Panchakarma, the rejuvenation therapy in Ayurveda have also helped Kerala to gain a pan-global reputation as a worth-visit destination.

Give short answers to the following questions :

- 2.1) What unique geographical features make Kerala a sought-after tourist destination in Asia ?
2.2) Why is Kerala often referred to as 'God's Own Country'?
2.3) What does the word "tranquil" mean ?
2.4) Define the term 'equable climate' as used in the passage.
2.5) Give an appropriate title for the description. (5x2=10)



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3. Answer **any fourteen** of the following :

- 3.1) Correct the following sentence :
It is raining since morning.
3.2) Complete the sentence using a question tag :
He doesn't know the answer.
3.3) Use the correct tense form of the verb given in brackets :
They _____ Paris last summer. (visit)
3.4) Fill up the sentence using the appropriate word :
The brothers together with their sister _____ here. (are/is)
3.5) Correct the following sentence:
Does he speaks Spanish fluently ?
3.6) Complete the sentence using the correct option given in brackets :
Our teacher used to _____ many examples while teaching grammar. (cite/site)
3.7) Complete the sentence using appropriate articles :
The old book rested on _____ shelf beside _____ dusty vase.
3.8) Complete the sentence with the appropriate modal :
_____ we go for a movie ?
3.9) Complete the sentence with a suitable preposition :
I am accustomed _____ hard work.

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- 3.10) Complete the table with the correct forms of the verb :

| Present Tense | Present Participle | Past Tense | Past Participle |
|---------------|--------------------|------------|-----------------|
| come | | | |

- 3.11) Add an appropriate question tag for the following sentence :
They have finished their homework.
3.12) Select a synonym for the word "honest".
Deceitful/Trustworthy/Dishonest/Suspicious
3.13) Convert the following sentence to reported speech :
She said : "I was painting the wall".
3.14) Convert the following sentence to passive voice :
She is teaching Mathematics.
3.15) Use the appropriate phrasal verb in the following sentence :
I have decided to _____ smoking. (get up, give up, put on, give in)
3.16) Identify the antonym of the word "active".
Energetic/Passive/Agile/Lively
3.17) Identify the meaning of the idiom in the following sentence :
When I asked my boss about the new project, he started beating around the bush. (14x1=14)



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4. Answer **any one** of the following questions in not more than **two** pages :

- 4.1) Write an essay on "The Role of Technology in Education".
4.2) Write an essay on "Climate Change and its Effects on Global Ecosystems". (1x10=10)

5. Answer **any one** of the following questions in **not** more than **two** pages :

- 5.1) Write a letter to the Chairperson of National Human Rights Commission of India highlighting the issues related to Police brutality and custodial deaths.
5.2) Prepare a resume for the post of Data Scientist in a Multinational Company. (1x10=10)