

**E 6352**



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Reg. No.....

Name.....

**B.A./B.Sc./B.Com. DEGREE (C.B.C.S.S.) EXAMINATION, MAY 2024**

**Fourth Semester**

Common Course : English

**EVOLUTION OF THE PHILOSOPHY OF SCIENCE : LITERARY PERSPECTIVES**

(Common for Model I B.A./B.Sc., Model II B.A./B.Sc./B.Com. and Model III B.A. English Literature and Communication Studies (Two Main) Programmes)

[2013–2016 Admissions]

Time : Three Hours

Maximum Marks : 80

**Part A**

*Answer all the questions, each in a sentence or two.  
Each question carries 1 mark.*

1. What will be the probable effect of “purely” scientific education upon the average human being ?
2. What surmise does Durant make about the beginning of astronomy ?
3. How does Rontgen’s discovery of X-rays differ from Planck’s quantum mechanics ?
4. What, according to Karl Popper, is the characteristics of a good theory ?
5. What are Sagan’s observation on radio communication ?
6. How does Huxley define science ?
7. How does energy transfer occur in reading a poem ?
8. What facilitated the formulation of precise natural laws ?
9. Who designed EPICAC ?
10. Why is man called a maniac ?

(10 × 1 = 10)

**Part B**

*Answer in about 50 words on any eight of the following.  
Each question carries 2 marks.*

11. What did the lover see when he looked into the heart of his beloved ?
12. How does updike describe the behaviour of the neutrons ?

**Turn over**





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13. Why are the dolls referred to as darling dolls ?
14. What are the arguments that Whiting use to refute Panacea's position that knowledge is power ?
15. What is the opening situation of the play "The Last War" ?
16. Why did Pat refuse to marry the narrator at first ?
17. Give a description of the anarchist.
18. Why did the narrator decide to remain in Maxon's house after watching him play chess ?
19. Why does Ruckert call poems as "energy pathways" ?
20. What does Sagan say about studying history and cultural anthropology ?
21. Why does Hawking say that a search for a unified theory to describe the universe is paradoxical ?
22. Why is it necessary to make some connections between literature and sun ?

(8 × 2 = 16)

### Part C

*Answer any **six** of the following questions, in about 100 words each.  
Each question carries 4 marks.*

23. How does Orwell explain the ambiguity of the phrase "scientific education" ?
24. What does Durant say about the origin of astronomy ?
25. What makes Hawkin say that new theories are extensions of old theories ?
26. What, according to Sagan are the possible reasons for the great climatic changes ?
27. What made Sir John Mcpherson ask Dr. James Forsythe not to publish the article on celestial mechanics ?
28. What does Jim Microbe say about his life in the laboratory ?
29. What are Panacea's arguments against consumerism ?
30. How does Joeffers describe man's plight in "Science" ?
31. How did death swoop down on the people of Chernobyl ?

(6 × 4 = 24)





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**Part D**

*Answer any **two**, in essay form, not exceeding 300 words.  
Each question carries 15 marks.*

32. What does will Durant say about the origin of science ?
33. 'Moxon's Master' is a story about the problems that humans encounter when they create superior machines. Discuss.
34. Narrate the story of EPIAC, bringing out its irony and humour.
35. Trace the story of man in "The Last War", bringing out its moral.

(2 × 15 = 30)

