D 93726

(Pages : 2)

Name...................................

Reg. No...................................

FIRST SEMESTER B.B.A. DEGREE (SUPPLEMENTARY) EXAMINATION NOVEMBER 2015

(UG—CCSS)

Common Course

A06—HISTORY AND PHILOSOPHY OF SCIENCE

(2012 Admission onwards)

Time : Three Hours   Maximum : 30 Weightage

I. Answer the bunches of questions as directed :

(A) Fill in the blanks choosing options given :

(India, Gaston Bachelard, England, Bernal, wars)

1   "The history of sciences cannot be history exactly like all the others" is from ————.

2   ———— has a much earlier history of scientific activities.

3   "If capitalism made science possible, science in its turn was to make a capitalism unnecessary" is a statement by :

4   ———— were an inevitable part of civilization.

(B) Choose the correct answer from the options given in brackets :

(Albert Einstein, Schopenhauer, Alfred Nobel, Dr. Wilson)

5   Who regarded class distinctions as unjustified ?

6   Who said that "perhaps my high explosive factories will end war sooner than your congress" ?

7   Who regarded class distinctions as unjustified ?

8   Who did not suffer fools gladly ?

(C) Match the following taking clues from the brackets :

(Greeks, Immanuel Nobel, Sir Kingsley Amis, Matthew Arnold)

9   The author of Lucky Jim.

10   Victorian poet.

11   A merchant of death.

12   Rigorous proofs in geometry.

(3 × 1 = 3 weightage)

Turn over

II. Answer in a sentence *or* two all the *nine* questions :

13 What is the mother's solution to the communication problem ?

14 What did Sophocles hear long ago ?

15 What is the responsibility of the genuine man of science ?

16 How did Einstein view property, outward success and luxury ?

17 What is the difference between Japan and Europe in their attitude towards science ?

18 Who is Gerard Cremona ?

19 What attitude to nature is conveyed by the poem 'The Pylons'.

20 Why does Snow think that the cultural divide is at its sharpest in England ?

21 Why was Immanuel Nobel called ' a merchant of Death' ?

(9 × 1 = 9 weightage)

III. Answer any *five* questions in *a paragraph* each :

22 What is Spender's attitude towards the installation of modern technology ?

23 How does C.P.Snow differentiate the two cultures ?

24 How, according to Einstein, has science contributed to the abolition of slavery ?

25 What was C. V. Raman's special indebtedness to his understanding teacher Professor Jones ?

26 Why does Paul Tannery doubt that a synthesis of particular histories is not possible ?

27 How does Einstein view life ?

28 Why is history of sciences always described as the history of progress ?

(5 × 2 = 10 weightage)

III. Answer any two questions, each in about 300 words :

29 How does J. M. Ziman attempt to answer the question 'what is science' ?

30 Trace Alfred Nobel's movement from being a messenger of death to that of a humanitarian.

31 'The discoveries of the past did not exist for them ; it existed for us'. Elucidate.

(2 × 4 = 8 weightage)