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Reg. No. :

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M 10016

IV Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.T.T.M/B.B.M./B.C.A./B.S.W. (CCSS-Regular) Degree Examination, March 2011 ENGLISH (COMMON COURSE) 4A06 ENG : History and Philosophy of Science

AND SCIE

LIDRARY

Time : 3 Hours

Max. Weightage: 30

I. Write an essay of about 200 words in answer to any one of the following.

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- 1. Will Durant's observations on the origin of science.
- 2. The life, achievements and death of Archimedes.

(Weightage 4)

- II. Write an essay of about 200 words on any one of the following.
 - 3. Narrate the story of the Brad, the farmer, in your own words.
 - 4. India's contribution to Mathematics, as Nehru sees it.

(Weightage 4)

III. Write a paragraph each of 80 words on any six of the following.

- 5. The life of our human ancestors after descending from the trees.
- 6. The homely example of Domino and scientific thinking.
- 7. The uses of Benzene.
- 8. Robin Cook's novel Coma.
- 9. Galileo's claim and the response of the others to the telescope.
- 10. The teaching methods of Anandi's husband.
- 11. The curious findings about nature by Renee and her associates at CES.
- 12. Anandibai's death.

(Weightage $6 \times 2 = 12$)

P.T.O.

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IV. Answer the four bunches of four ques	stions each given below.
 13) A) Giant squirrels are found in th a) Miami b) Mumbai c) Parts of Karnataka and Ma d) None of these 	e remote, dense forests of
B) Anandibai used to address Mrsa) elder sisterc) younger sister	s.Carpenter as <i>Mavashi</i> and it meant b) aunt d) mother-in-law
C) The main interest of the farmera) bird-watchingc) burning houses	r in the poem Star Splitter was b) hugger-mugger farming d) star watching
 D) Astronomy stood still because a) Galileo was not born b) there was no telescope for t c) such use of telescope was n d) all these 	he early astronomers not allowed
 14) A) Benzene is a) useful c) both useful and harmful B) Syracuse was the name of a) the Emperor b) a university c) the native town of Archime d) none of these 	b) harmful d) invisible
C) In the order of scientific methoda) after observationc) after experiment	d <i>prediction</i> comes b) before observation d) after hypothesis
D) Herbert Spencer is of the opiniona) agriculturec) astronomical observations	the second se
15) A) The maximum number of beesa) pandanusc) kutaja	

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M 10016

B) Anandi Bai died at the ag	ze of			
a) 34	b) 22			
c) 24	d) 25			
C) What did Brad do to his	house ?			
a) sold it	b) burned it down			
c) renovated it	d) let it out.			
D) The main interest of the (Curator regarding the telescope is			
a) fame	b) benefit to mankind			
c) financial gain	d) love for Galileo.			
16) A) Lilavati was written by				
a) Bhaskara I	b) Bhaskara II			
c) Aryabhatta	d) S Ramanujam			
B) Kekule' was	, , , , , , , , , , , , , , , , , , ,			
a) a writer	b) an artist			
c) a Germanchemist	d) a politician			
C) Domino, mentioned in Th				
a) dish				
c) dog	b) game d) mavhine			
D) The Polynesians had a cale				
a) 12 months				
c) 10 months	b) 13 months			
c) to monuis	d) 8 months			
	(Weig			

(Weightage $4 \times 1 = 4$)

V. Answer any six of the questions below, each in a sentence or two :

- 17) In what way did the destruction of dinosaurs affect the mammals?
- 18) Who were the first doctors on this planet ?
- 19) Explain the term hypothesis.
- 20) Who wrote the poem Benzene?
- 21) What principle, according to Datzig, assumes the importance of a world event ?
- 22) What disease did Anandi suffer from ?
- 23) In what name was Rafuta Indica commonly known ?
- 24) Why did the number *twelve* become a favourite ? (

(Weightage 6×1=6)