4DEXDED	101	10011	aym	8 10 10 10 10 10 10 10 10 10 10 10 10 10	HINE	241	<b>288</b> 33	
	100	1222	1.18	a sum	11502	83	1831	
	18	1155	1143	112	認調	錋		

Reg. No. : .....

Name : .....

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.

00

- 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.

.



M 10016	-2-
IV. Answer the four bunches of four ques	stions each given below.
<ul> <li>13) A) Giant squirrels are found in th</li> <li>a) Miami</li> <li>b) Mumbai</li> <li>c) Parts of Karnataka and Ma</li> <li>d) None of these</li> </ul>	e remote, dense forests of
<ul><li>B) Anandibai used to address Mrs</li><li>a) elder sister</li><li>c) younger sister</li></ul>	s.Carpenter as <i>Mavashi</i> and it meant b) aunt d) mother-in-law
<ul><li>C) The main interest of the farmer</li><li>a) bird-watching</li><li>c) burning houses</li></ul>	r in the poem Star Splitter was b) hugger-mugger farming d) star watching
<ul> <li>D) Astronomy stood still because</li> <li>a) Galileo was not born</li> <li>b) there was no telescope for t</li> <li>c) such use of telescope was n</li> <li>d) all these</li> </ul>	he early astronomers not allowed
<ul> <li>14) A) Benzene is <ul> <li>a) useful</li> <li>c) both useful and harmful</li> </ul> </li> <li>B) Syracuse was the name of <ul> <li>a) the Emperor</li> <li>b) a university</li> <li>c) the native town of Archime</li> <li>d) none of these</li> </ul> </li> </ul>	b) harmful d) invisible
<ul><li>C) In the order of scientific method</li><li>a) after observation</li><li>c) after experiment</li></ul>	d <i>prediction</i> comes b) before observation d) after hypothesis
<ul><li>D) Herbert Spencer is of the opinion</li><li>a) agriculture</li><li>c) astronomical observations</li></ul>	the second se
<ul><li>15) A) The maximum number of bees</li><li>a) pandanus</li><li>c) kutaja</li></ul>	

-3-

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)