



K18U 1099

Reg. No. : .....

Name : .....

IV Semester B.A./B.Sc. Degree (CCSS – Supplementary)  
Examination, May 2018  
(2012 & 13 Admissions)  
**COMMON COURSE IN ENGLISH**  
**4A06 ENG : History and Philosophy of Science**

Time : 3 Hours

Max. Weightage : 30

- I. Write an essay of about **200** words on **any one** of the following :
- 1) Archimedes in life and death.
  - 2) Carl Sagan's picture of the evolution of man. **(Weightage 4)**
- II. Write an essay of about **200** words on **any one** of the following :
- 3) The life, hardships and death of the first woman doctor in India.
  - 4) An account of the prominent ancient Indian Mathematicians and their contributions. **(Weightage 4)**
- III. Answer **any six** of the following in a paragraph **each** of about **80** words :
- 5) Will Durant's description of the origin of astronomy.
  - 6) The scientific method.
  - 7) The story of numbers.
  - 8) The uses of Benzene.
  - 9) The telescope presented by Galileo.
  - 10) The farmer and his passion for star-watching.
  - 11) The interesting facts about creatures discovered by Renee and her associates at CES.
  - 12) The way her husband taught Anandi. **(Weightage 6x2=12)**

P.T.O.



IV. Answer the **four** bunches of **four** questions **each**, given below :

- 13) A) The Dinosaurs were wiped out by  
a) the tree shrews                      b) moles  
c) a cosmic catastrophe              d) the lizards
- B) The \_\_\_\_\_ would not exchange two sheep for four sticks.  
a) Damara natives                      b) Guaranis  
c) Tansanians                              d) Tasmanians
- C) Domino started barking in the first instance because  
a) he wants to be free  
b) he wanted to come inside  
c) he wanted to go for a walk  
d) there was a bigger dog
- D) Archimedes was a student of  
a) Euclid                                      b) Teachers of Euclidean orientation  
c) Galileo                                     d) Aristotle
- 14) A) The poem *Benzene* is a parody of  
a) The Lamb                                b) The Tiger  
c) The Daffodils                          d) The Solitary Reaper
- B) Zero was invented by  
a) Indians                                      b) Arabs  
c) Greeks                                      d) Syrians
- C) Which of the following characters in the play was related to Galileo ?  
a) Curator                                    b) Virginia  
c) Sagredo                                    d) None
- D) Orion is  
a) a star                                        b) a constellation  
c) a satellite                                d) none of these
- 15) A) The first Indian woman doctor Anandi died of  
a) heart attack                              b) cancer  
c) tuberculosis                              d) none of these
- B) The \_\_\_\_\_ flower attracted more bees.  
a) Kadamba                                  b) Kutaja  
c) Jasmine                                    d) Plantain flower



- C) Which Fellowship did Renee M Borges get ?
    - a) Maytag
    - b) University
    - c) Ford
    - d) Rockefeller
  - D) Eureka means
    - a) I know it
    - b) I have found it
    - c) I lost it
    - d) None of these
  - 16) A) The Greeks were proficient in \_\_\_\_\_
    - a) algebra
    - b) geometry
    - c) arithmetic
    - d) none of these
  - B) Benzene is
    - a) harmful
    - b) useful
    - c) both harmful and useful
    - d) invisible
  - C) Arboreal life is
    - a) life on the trees
    - b) life underground
    - c) life in caves
    - d) life in water
  - D) In the order of the scientific method prediction comes
    - a) after observation
    - b) after hypothesis
    - c) after experiment
    - d) before observation
- (Weightage 4x1=4)**

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

- 17) When did our ancestors evolve an upright posture ?
- 18) The earlist doctors were women. What is Will Durant's explanation for this ?
- 19) Who was the author of the novel *Coma* ?
- 20) How did Archimedes die ?
- 21) What is *smog* ?
- 22) What do you know about Severus Sebokht ?
- 23) What did Brad do to buy a telescope ?
- 24) Who was Salim Ali ?

**(Weightage 6x1=6)**

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