



B.H.Sc. (Part - II)
Term End Examination, 2017-18

Paper - II

Time : Three Hours] [*Maximum Marks* : 75
[*Minimum Pass Marks* : 26

Note : Answer **all** questions. Answer all the parts of a question at one place. The figures in the right-hand margin indicate marks.

Unit-I

1. Answer any **five** questions of the following : 3×5
- (a) What may be the reason for science to prey upon the poet's heart ?
 - (b) What is the basic difference between the working of a scientist and that of an ordinary individual ?
 - (c) How old is the evidence of the scientific knowledge of the Indians ?

(2)

- (d) What are Jai Singh's two fundamental contributions to astronomy ?
- (e) Do you agree with the view that computers have electronic brains ?
- (f) Why is the method of plastic surgery known as 'The Hindu Method' ?
- (g) How can one know about the presence of pollution in water ?
- (h) Which according to the author is a facile trivial phase ?

Unit-II

2. Read the following passage carefully and answer the questions given at the end :

Bhaskara a great mathematician wrote Sidhanta Siromani. The part of the book titled Leelavati dealt essentially with arithmetic. The other parts were on different aspects of mathematics. Bijaganita dealt with algebra, Goladhyaya with spheres and Grahnganita with planetary mathematics. Basically the book was a text book a collection of the works of some eminent scholars like Brahmagupta, Mahavira and Sridhara, after they had been simplified to help students.

Questions :

5

- (a) Which book was written by Bhaskara ?
- (b) Which part of the book dealt with arithmetic ?

(3)

- (c) What is Bijaganita ?
- (d) Name some eminent scholars who simplified the book ?
- (e) Give a suitable title to the passage.

Unit-III

3. Write a report on any **one** of the following in about 200 words : 10
- (a) Semester in undergraduate education.
 - (b) To the Collector telling him about the youth red cross society in college.
 - (c) Report on the annual function in your college.

Unit-IV

4. Expand the idea in about 200 words of any **one** from the following : 10
- (a) Time and tide wait for no man.
 - (b) Rome was not built in a day
 - (c) Spare the rod and spoil the child
 - (d) All work and no play makes Jack a dull boy
 - (e) Every cloud has a silver lining

(4)

Unit-V

5. Do as directed any **twenty** of the following : 20

- (a) Someone is following us.
(Change the voice)
- (b) Mona Lisa was painted by Leonardo.
(Change the voice)
- (c) He likes people to call him 'Sir'.
(Change the voice)
- (d) Vikas promised us a share the profits.
(Choose correct preposition from, at, by, for, in, of, on, past, till / until, to, with)
- (e) They paid me the piano.
(Choose correct preposition from, at, by, for, in, of, on, past, till / until, to, with)
- (f) Could you lend me your English work-book.
(Choose correct preposition from, at, by, for, in, of, on, past, till / until, to, with)
- (g) He told lies the police.
(Choose correct preposition from, at, by, for, in, of, on, past, till / until, to, with)
- (h) How you insult him ?
(Suitable modals)
- (i) We aim at noble goals.
(Suitable modals)

(5)

- (j) Put butter on potatoes.
(Supply 'a', 'an', 'some' or 'the')
- (k) honesty is best of all
virtues. (Supply 'a', 'an', 'some' or 'the')
- (l) There is fly in lemonade.
(Supply 'a', 'an', 'some' or 'the')
- (m) I wish you your thesis by the due
date. (Submit – tense forms)
- (n) She the TV all evening.
(Watch – tense form)
- (o) Children to play cricket.
(Love – tense form)
- (p) My brother a novel now.
(Read – tense form)
- (q) By the time the ambulance the
patient (arrive, die – tense form)
- (r) “How many of your friends are coming
to dinner ?” asked my wife.
(Change the narration)
- (s) “Did you look the house or not ?” he
asked his son. (Change the narration)
- (t) The old man asked, “if he would live to
be a hundred ?” (Change the narration)
- (u) He said, “he was going to the zoo.”
(Change the narration)

(6)

- (v) The employer asked me, “if I could learn German in one year”.
(Change the narration)
- (w) Karan has made very unpopular.
(with possessive or self form)
- (x) We all die one day.
(will or have in future tense)
- (y) She did not see you so she did not stop.
(conditional sentence)

Unit-VI

6. (a) Provide Synonyms of the following words : 5
- (i) Evolution
 - (ii) Obtain
 - (iii) Custom
 - (iv) Ancient
 - (v) Basic
- (b) Use the following words in sentences of your own (any **five**) : 5
- (i) Water
 - (ii) Scale
 - (iii) Matter
 - (iv) Evidence
 - (v) Rock,

(7)

(vi) Plant

(vii) Incredible

(viii) Invisible

(ix) Major

(c) Write the affixes of any **five** of the following : 5

(i) Kind

(ii) Beauty

(iii) Balance

(iv) Credible

(v) Edit

(vi) Auto

(vii) Scope

(viii) Content

(ix) Sleep
