

B.Sc. PART-II, THIRD SEMESTER, (P.U.)

DEC. 2016

ENGLISH (Compulsory)

(For B.Sc. Only)

Time Allowed : 3 Hours

Maximum Marks : 40

Note: (i) Attempt all the questions,

(ii) All the parts of the question should be attempted together.

1. Attempt two questions from Prose and two from Drama in not more than 50-60 words each :

- Why do people who care for India love the ancient city of Ujjain ?
- How did the giant realise his mistake ? What did he do toward it ?
- How did the story teller ultimately get rid of the engine ?
- Write the devices employed by the ragged man to convert the duty-bound Sergeant into an accomplice.
- What impression do you get of the battle of Water-loo ?
- Explain the significance of the title 'The Rising of the Moon'.

$2\frac{1}{2} \times 4 = 10$

2. Attempt any two questions, one from Prose and one from Drama in not more than 100-150 words :

- Write a note on the theme of the Play 'Waterloo'.
- Give the character sketch of Ragged Man as shown in the play 'The Rising of the Moon'.
- Give the character sketch of Uncle Podger.

Wilde's story 'The Selfish Giant'.

3. Match the words under A with their meanings under B :

- | A | B |
|--------------|----------------|
| (i) dread | (a) small bird |
| (ii) glee | (b) fort |
| (iii) linnet | (c) thin |
| (iv) slender | (d) joy |
| (v) castle | (e) fear |

4. Write a letter to your friend describing a visit to an Historical place. 5

Or

Write an application to the Principal of your college requesting him to make changes in the college canteen. 5

5. Attempt any two :

- (a) Frame a tender notice for maintenance and construction work.
 - (b) Draft a notice for a blood donation camp being organised in your college.
 - (c) Write a memo to the office Manager informing him of the purchase of office chairs.
 - (d) Write a notice. 5×2=10
6. Define Communication. What is the significance of positive altitude in communication? 5

PHYSICS PAPER-A

(Statistical Physics and Thermodynamics—I)

Time Allowed : 3 Hours

Maximum Marks : 44

- Note :**
- (1) Attempt five questions in all, selecting two questions from each Sections A and B respectively.
 - (2) Section C is compulsory.
 - (3) Use of log table and non-programmable calculator is allowed.

SECTION-A

1. (a) Write down in tabular form the various microstates and macrostates