

Name:

Enrolment No:



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination, December 2019**

**Course: Graphics and Animation Tools**

**Program: B. Tech –CSE (Open Source and Open Standards)**

**Course Code: CSEG-449**

**Semester: VII**

**Time 03 hrs.**

**Max. Marks: 100**

**Instructions:** All the questions shall be compulsory in Section-A,

**SECTION A**

S. No.		Marks	CO
Q 1	Explain the term Graphics. What makes graphics different from images?	4	CO1
Q 2	Define the term Graphic Design. Describe the role of typography towards a good graphic design.	4	CO2
Q 3	Differentiate between RGB and CMY cube used for choice of colors used in software or printout as hardcopy.	4	CO3
Q 4	Which all components are used to create images using Computer Graphics?	4	CO1
Q 5	Explain the term Widows in typography.	4	CO2

**SECTION B**

Q 6	Elucidate the usage of fuzzy select tool in GIMP for extracting Hackathon logo from a predesigned brochure.	10	CO4
Q 7	Distinguish between the functioning of Raster/ Vector display.	10	CO3
Q 8	Prepare all points to create balanced page layouts for web designs?	10	CO2
Q 9	Elucidate the steps used for character modeling using Moviesandbox	10	CO5

**OR**

Prepare the list of steps involved in designing a pawn in chess game using Blender.

**CO5**

**SECTION-C**

Q 10	Compose all the steps involved to create an animated 3-D Rocket using Blender. Elucidate the functioning of all the major components used.	20	CO5
Q 11	Compose all the steps involved to create an animation of flying kite using GIMP. Elucidate the involvement of all the components used for this animation.	20	CO4

**OR**

Combine all the steps to create a logo for Flipkart using GIMP. Explain each step along with its usage in this design.

**CO4**