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Ramacrisna Madeva Salgaocar Higher Secondary School
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Std: XI VOC – CT First Term Exam, October, 2025 Duration: 2 hr.
Date:10/10/25 Subject : Software Application Marks:40

Instructions :

- i. All questions are compulsory
 - ii. There are four sections in this question paper(A,B,C&D)
 - iii. In section A there are 10 questions of 1 mark each.
 - iv. Section B contains 5 questions of 2 marks each.
 - v. Section C contains 4 questions of 3 marks each.
 - vi. Section D contains 2 questions of 4 marks each.
 - vii. Write the number of each question clearly on the answer book.
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Section A

Question numbers from 1 to 10 carry 1 mark each.

1. Shortcut key to create a loop cut is _____
[Alt-B, Ctrl-B, Shift-B, Ctrl-R]
2. Tool used for freehand cutting and shaping of geometry is _____
[Knife, Spin , Bevel, Inset]
3. Shortcut key to select edge loop is _____
[Alt-B, Ctrl-B, Atl-RMB, Ctrl-A]
4. _____ option in viewport shading Shows meshes with an image applied using the mesh's active UV map.
[Solid, Bounding box, Textured, Wireframe]
5. Shortcut key to apply Bevel effect is _____
[Alt-B, Ctrl-B, Shift-B, Ctrl-A]
6. Which tool Rotates selected geometry around a chosen point ?
7. Which file format is commonly used for importing or exporting files for CAD software and 3D printing
8. What is the menu command to open a file .
9. Which key is used to extrude a edge, vertex, or face of a mesh object?
10. What is the primary function of inset faces tool?

Section B

Question numbers from 11 to 15 carry 2 marks each.

11. What is blend file and what kind of data it contains ?
12. How does the loop cut tool works? Explain in 2-3 lines.
13. Explain data packing in blender in 3-4 lines.

14. What is the purpose of Outliner editor in blender and what kind of data it display?
15. Why are relative paths useful when working with external files in Blender ?

Section C

Question numbers from 16 to 19 carry 3 marks each.

16. What is primary differences between using " Save", "Save As" and "Save copy" when a bend file is saved ?
17. What is the use of "Z" , "Shift-Z" and "Alt-Z" keys in Blender?
18. Briefly explain 3D view header menus.
19. State and explain three different drawing tools available for grease pencil ?

Section D

Question number 20 and 21 carry 4 marks each.

20. State and explain the three principal modes in blender for creating and manipulating mesh models.
21. State and explain the basic structures from which a mesh object is built.
