

**COVENANT UNIVERSITY
NIGERIA**

*TUTORIAL KIT
OMEGA SEMESTER*

**PROGRAMME: MECHANICAL
ENGINEERING**

COURSE: GEC 222

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GEC 222: COMPUTER-AIDED DESIGN/MANUFACTURE

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- 1 Which of the following is not a Dimension command a. Jogged b. Ordinate c. Arc Length d. None of the options
- 2 Which of the following commands does not share the same interface environment with shell command (a) check (b) separate (c) clean (d) none of the options
- 3 Which of the following solid editing command cannot be performed on a solid (a) extrude faces (b) taper faces (c) rotate faces (d) none of the options
- 4 Which of the following commands is not an option for shade plot on the properties settings of a 3D model (a) realistic (b) conceptual (c) legacy hidden (d) none of the options
- 5 Which of the following symbol is used to prefix a absolute coordinate entry (a) # (b) @ (c) \$ (d) &
- 6 Relative coordinate begins at (a) absolute coordinate origin (b) relative coordinate origin (c) UCS origin (d) coordinate point selected last
- 7 Which of the following commands can be used to create additional edges from 2D geometry of a solid (a) merge (b) imprint (c) union (d) join
- 8 Which of the following is not a geometric constrain (a) fix (b) vertical (c) equal (d) none of the options
- 9 Which of the following is not a geometric constrain (a) smooth (b) symmetric (c) horizontal (d) none of the options
- 10 Which of the following is not a dimensional constrain (a) linear (b) horizontal (c) vertical (d) none of the options
- 11 The 3d align command can be found in which panel a. Solid Editing b. Modify c. 3d Operations d. Modeling
- 12 Trim command shares the same dropdown menu with a. Clip b. Cutting Edge c. Fillet d. Extend
- 13 Which of the following commands can be used to convert line segments into a polyline a. ConvertPolyline b. Boundary c. Join d. None of the options
- 14 Polysolid command can be used to create a. Many solids b. 3d wall-like solid c. Polyline Solids

- d. Solid polylines
- 15 Which of the following is not a Mesh command a. Ruled surface b. Edge surface c. Tabulated surface d. None of the options
- 16 Which of the following commands is a subcommand of 3d align command a. Base point b. Destination c. Base point & Destination point d. None of the options
- 17 The following panels can be found under Render tab except a. Light b. Material c. Render d. Action Recorder
- 18 Which of the following is not among the visual style controls a. X-ray b. Shaded c. Sketchy d. Surface
- 19 Which of the following is not among the drafting tools a. Selection cycling b. Osnap c. Ortho d. None of the options
- 20 Which of the following is not a solid editing command a. Extract edges b. Copy edges c. Imprint d. None of the options

MODEL ANSWERS

1. D
3. D
5. A
7. B
9. D
11. B
13. B
15. D
17. D
19. D