

KATHMANDU UNIVERSITY
End Semester Examination
February/March, 2018

Mark scored:

Level : B. E.

Course : MEPP 429

Year : IV

Semester : I

Exam Roll No. :

Time: 30 mins.

F. M. : 20

Registration No.:

Date **MAR 12 2018**

SECTION "A"

[20 Q × 1 = 20 marks]

Tick the most appropriate answer.

- Primary objective of setting a working directory is to _____
 - arrange work
 - save all the works in designated folder
 - open the files quickly
 - rename files
- Name four geometric constraints available in Creo
 - _____
 - _____
 - _____
 - _____
- While using features such as extrude and revolve, Unclosed sketching results in
 - solid model
 - sheet metal model
 - surface model
 - assembly model
- BOM stands for
 - book of materials
 - bill of materials
 - block of model
 - bunch of materials
- Directional pattern is a way to use pattern feature. Name other four ways to use pattern feature.
 - _____
 - _____
 - _____
 - _____
- To generate a model using revolve feature, _____ is essential
 - centre axis and closed sketch
 - datum axis and closed sketch
 - sketching plane and datum axis
 - closed sketch only
- While introducing relations into the model, **P#** and **D#** are used what do **P** and **D** stand for?

P:
D:
- Which one of the following is **not** a valid option for sketching a circle in Creo?
 - center and point
 - concentric
 - 3-point
 - tangent and center

9. What does the **shell** feature do?
 - a) provide thickness to a solid
 - b) hollow out inside of a solid
 - c) creates rib in the model
 - d) creates shell pattern

10. CAM stands for
 - a) computer aided machining
 - b) computer aided modeling
 - c) computer aided manufacturing
 - d) camera assisted machining

11. What happens when a circle is extruded?
 - a) creates a cylinder
 - b) creates a hollow cylinder
 - c) creates sphere
 - d) creates ellipse

12. Revolving a half-circle creates _____.
 - a) cylinder
 - b) sphere
 - c) ellipse
 - d) cylinder

13. What does CTRL+G command do?
 - a) saves the model
 - b) opens the model
 - c) regenerates the model
 - d) closes the modeling window

14. Part models in Creo are saved in which of the following format?
 - a) .drw
 - b) .ptr
 - c) .prt
 - d) .stl

15. Which of the following file format can be read by all CAD software?
 - a) .drw
 - b) .frm
 - c) .stl
 - d) .STEP

16. RELATION is NOT used
 - a) to control the effects of modifications on models
 - b) to define values for dimensions in parts and assemblies
 - c) to avoid recreating the model
 - d) to set constraints for design conditions

17. Using LINE features, we can create
 - a) line
 - b) spline
 - c) arc
 - d) tangent

18. Which command is used to divide line into segments having predefined length?
 - a) divide
 - b) chamfer
 - c) trim
 - d) measure

19. Which is the default unit system in Creo?
 - a) centimeter gram second
 - b) foot pound second
 - c) inch lbm second
 - d) millimeter kilogram second

20. Suppressing a feature means _____.
 - a) deleting a feature
 - b) hiding and deleting feature
 - c) hiding but not deleting a feature
 - d) disabling a feature