

ಅಂತಿಮ ಪರೀಕ್ಷೆ Final Examination QP set code- **A**

ತೋ.ವಿ.ವಿ.ಬಾ.

N	A	M	E		O	F		T	H	E		S	T	U	D	E	N	T	
U	H	S	2	4	H	E						College code						0	

Time: 10:30 -11:00 (30 mins.)

Total Marks: 20

Part – A Question paper (2 pages)

FEG-112, 3(1+2).

- ✓ Write the Correct Part-A Question paper Set Code in OMR sheet.
- ✓ Please return Part-A QP after 30 min of start of examination to the invigilator and Collect while leaving the exam hall.

Q.I. Select the most correct answer A/B/C/D for the following questions.

15x 0.5 mark = 7.5 Marks

- Steel belongs to
a) **Ferrous Materials** b) Non Ferrous Materials c) Composites d) All of the above
- Gas welding belongs to
a) Resistance Welding b) Seam Welding c) **Fusion Welding** d) All of the above
- The commonly used _____ class of materials exhibit high temperature properties
a) Steel b) **Ceramics** c) Timber d) None of these
- The main advantage of composite material is
a) **High strength to weight ratio** b) low strength c) High weight d) None of these
- Milling machine is used to produce
a) Circular b) **Rectangular** c) Both (a) and (b) d) None of the above
- Solidification is the process of converting
a) **Liquid to solid** b) solid to liquid c) liquid to gas d) none of the above
- Brasses are alloys of
a) copper and tin b) **copper and zinc** c) copper and aluminum d) copper and cast iron
- The machine which produces holes in the Machine components
a) Drilling b) Milling c) Lathe d) **Both (a) and (c)**
- The direct way of measuring instrument is
a) Scriber b) Divider c) **Scale** d) All of the above
- Wood belongs to which class of Composite
a) **Laminated** b) Polymer c) Thermoplastic d) None of these
- Gear Hobbing is done by using _____ type of milling machine.
a) **Horizontal** b) Vertical c) Plain d) None of the above.
- Lathe machine is used to produce _____ components
a) Rectangular b) **Circular** c) Both (a) and (b) d) All of the above
- Shaping machine is mainly used to produce
a) **Grooves** b) Taper turning c) Cylindrical turning d) knurling
- The temperature produced in Arc welding is in the range of
a) **3500 -7000°C** b) 450 - 650°C c) 800 -1000°C d) None of these

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15. Combination of Matrix and reinforcement is

- a) **Composite** b) Metal c) Alloy d) All of the above

Q.II. Mention TRUE (T /FLASE /F) for the following statements in OMR sheet

15x 0.5 mark = 7.5 Marks

16. To reduce the length of the workpiece Lathe can be used. **TRUE**
 17. Steel is a Brittle Material. **FALSE**
 18. Brass is an alloy of copper and tin. **FALSE**
 19. CNC works on closed loop control system **TRUE**
 20. Kevlar fibersis known for exhibiting Impact resistance. **TRUE**
 21. Bore Gauge is used to measure External Diameters of the workpiece **FALSE**
 22. Tungsten is a consumable Electrode **FALSE**
 23. Ceramic is also known as Refractory Material. **TRUE**
 24. Upsetting is a welding operation. **FALSE**
 25. Epoxy is an example of Thermosetting Polymer. **TRUE**
 26. Cast iron is a ductile material **FALSE**
 27. The life of a tree is determined by no of roots. **FALSE**
 28. Diamond Paste is used for polishing specimens **TRUE**
 29. Anvil is the tool required for carpentry operations. **FALSE**
 30. Wooden lathe is required to machine ferrous materials **FALSE**

Q.III. Match column A with column B for correct answer.

10 x 0.5 mark = 05 Marks

Q.No	Column A		Column B	Answers
31	Automation	A	Composite Material	E
32	Gas welding	B	Inner Diameter	F
33	Lathe	C	Tungsten	G
34	Steel	D	Machine Tool	C
35	FRP	E	Ferrous Material	D
36	Bore Gauge	F	Wood Cutting	H
37	Non Consumable Electrode	G	<u>Drilling Machine</u>	I
38	Circular Saw	H	Grinding	J
39	To drill Holes in Jobs	I	Fusion Welding	B
40	Abrasives	J	CNC machine	A

END OF PART – A QUESTION PAPER 25nd March 2025

Student's Signature..... Invigilator's signature.....