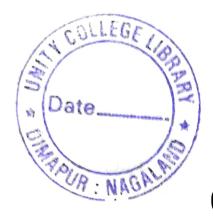
Ba/EDN/M-4



2025

(FYUGP)

(4th Semester)

EDUCATION (MINOR)

Paper: EDN/M-4

(Educational Technology)

Full Marks: 75

Pass Marks: 40%

Time: 3 hours

(PART : B—DESCRIPTIVE)

(Marks: 50)

The figures in the margin indicate full marks for the questions

1. (a) Define the term 'educational technology'. Explain its nature. 4+6=10

Or

(b) Elaborate the uses of hardware and software approaches for effective teaching.

10

L25/434a

(Turn Over)

2. (a) What is meant by communication? Explain the process of communication. 4+6=10

Or

- (b) What is classroom communication?

 Discuss mass media approach in teaching-learning process. 3+7=10
- **3.** (a) What is meant by instructional system designing? Discuss the components in instructional system designing. 3+7=10

Or

- (b) Discuss systems approach to instructional process.
- **4.** (a) What is programmed learning? Explain linear and branching programming.

 3+7=10

Or

- (b) Explain team teaching. State the advantages and disadvantages of team teaching. 2+8=10
- **5.** (a) Define simulated teaching. Discuss the uses of computerized assisted instruction. 3+7=10

Or

(b) Discuss ICT (Information Communication Technology) in distance education.

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2025
(FYUGP)
(4th Semester)
EDUCATION
(MINOR)
Paper: EDN/M-4
(Educational Technology)
(PART : A—OBJECTIVE)
(<i>Marks</i> : 25)
The figures in the margin indicate full marks for the questions
SECTION—I
(<i>Marks</i> : 15)
A. Put a Tick (✓) mark against the correct answer in the brackets provided : 1×15=15
1. Who said, "Educational technology is the application of scientific process to men's learning conditions"?
(a) Thorndike ()
(b) Skinner ()
(c) Robert A. Cox ()
(d) S. S. Kulkarni ()

2.		_ is the application of physical sciences to cation and teaching.
	(a)	Systems approach ()
	(b)	Hardware approach ()
	(c)	Software approach ()
	(d)	Computer-aided approach ()
3.	'Co	mmunication' is derived from
	(a)	Greek word ()
	(b)	Latin word ()
	(c)	German word ()
	(d)	Persian word ()
4.		the process of communication, which of the owing arrangements is correct?
	(a)	Sender, Encoding, Message, Channel, Receiver ()
	(b)	Sender, Message, Encoding, Channel, Receiver ()
	(c)	Sender, Receiver, Channel, Message, Encoding ()
	(d)	Sender, Encoding, Message, Receiver, Channel ()

5.		iich of nmunicatio		follov	ving	is	а	verbal
	(a)	Voice	()				
	(b)	Gesture	()				
	(c)	Movemen	t	()				
	(d)	Facial exp	oressio	on	()		
6.		o defined erdependen	_		as i	nterre	elated	l and
	(a)	Herbert	()				
	(b)	R. L. Ack	off	()			
	(c)	Edward	()				
	(d)	Robert Da	avis	() -			
7.		entire systoroach.	em as	a	_ is ca	alled t	he sy	stems
	(a)	unit	()					
	(b)	part	()					
	(c)	whole	()				
	(d)	bit ()					

8.	Team teaching is also known as							
	(a)	collaborative teach	ing		()		
	(b)	special teaching	()				
	(c)	group teaching	()				
	(d)	single teaching	()				
9.		_ is a scaled-down t	each	ing e	enco	ount	er.	
	(a)	Macro-teaching	()				
	(b)	Micro-teaching	()				
	(c)	Team teaching	()				
	(d)	None of the above		()			
10.		ogrammed learning o, self-instructional j		•			_	
	(a)	G. O. M. Leith	()				
	, ,	G. O. M. Leith Jacob ()	()				
	(b)		()				
	(b) (c)	Jacob ()	() ()				
11.	(b) (c) (d)	Jacob () Edgar Dale (() (ve tea)) achin	g eı	ncou	unte	er.
11.	(b) (c) (d)	Jacob () Edgar Dale (Susan Marks	() (//e tea) achin	.g eı	ncou	ınte	er.
11.	(b) (c) (d)	Jacob () Edgar Dale (Susan Marks _ is a comprehensiv	() (re tea (() achin))	g eı	ıcoı	ınte	er.
11.	(b) (c) (d) ——————————————————————————————————	Jacob () Edgar Dale (Susan Marks _ is a comprehensive Macro-teaching	() ((() achin))	g ei	ncou	ınte	er.

12.	Bra	nching programming was developed by
	(a)	B. F. Skinner ()
	(b)	Norman A. Crowder ()
	(c)	Gilbert ()
	(d)	E. L. Thorndike ()
13.	The	role playing is developed by using
	(a)	micro-teaching ()
	(b)	simulated teaching ()
	(c)	interaction analysis ()
	(d)	group teaching ()
14.	Wh	ich one is the full form of CAI in education?
	(a)	Computer Area Instruction ()
	(b)	Computer-Assisted Instruction ()
	(c)	Computer-Accumulated Instruction ()
	(d)	None of the above ()
15.		sonalized System of Instruction (PSI) is also
		own as
	` ,	Skinner plan ()
	(b)	Keller plan ()
	(c)	Thorndike plan ()
	(d)	All of the above ()

SECTION—II

(Marks: 10)

B. Write on any five of the following:

 $2 \times 5 = 10$

1. Functions of educational technology

2. Components of communication process

3. Instructional system

4. Limitations of systems approach

5. Principles of programmed instruction

6. Features of PSI

7. Concept of ICT

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