$5 \times 2 = 10$

Masters in Rural Development First Semester **Computer Fundamentals** (MRD - 05)

Duration: 3Hrs. Full Marks: 70

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins. Marks: 50

1. Answer the following questions (any five):

- a) Write 2 differences between Compiler and Interpreter
- b) Explain Application Software
- c) Explain Secondary Memory
- d) Explain bus
- e) Write about Cache Memory
- f) Write all the building blocks in Hexadecimal system
- g) Write about Primary Memory

2. Answer the following questions (any five):

- $5 \times 3 = 15$
- a) Convert 11001 (in binary) to decimal
- b) Convert 73 (in decimal) to binary
- c) Convert 153 (in decimal) to binary
- d) Convert 46 (in decimal) to binary
- e) Convert 25.75 (in decimal) to binary
- f) Convert 1101.11 (in binary) to decimal
- g) Convert 0.10111 (in binary) to decimal

3. Write short notes on (any five):

 $5 \times 5 = 25$

- a) CPU
- b) DMA Connection
- c) I/O device
- d) Server
- e) Operating system
- f) Programming language
- g) Interpreter

Master in Rural Development

First Semester

Computer Fundamentals

(MRD - 05)

PART A: Objective

Duration: 20 minutes

Marks - 20

 $1 \times 20 = 20$

Sele	ct and put 'V' mark on the app	propriate answer:
1)	Which of the following is a a a a) C c) VB	th generation language b) Java d) FORTRAN
2)	1 KB is equal to a) 1000 B c) 1096 B	b) 1024 B d) 1046 B
3)	SRAM is built using a) Capacitor c)Tapes	b) Flip flop d) Bus
4)	How many basic numbers a a) 7 c) 2	b) 10 d) 16
5)	How many basic numbers at a) 8 c) 16	b) 2 d) 10
6)	What is the base of Decimal a) 8 c)10	number system b) 6 d) 2
7)	What is the base of Hexade a) 12 c)10	b) 16 d) 8
8)	Primary memory is a) RAM c) EPROM	b) PROM d) None of these
9)	1 MB is equal to a) 1024 KB c) 1024 B	b) 1024 GB d) None of these
10)	In Hexadecimal system, C a) 13 c) 14	means b)12 d) 15

11)	In Hexadecimal system, F n		
	a) 15	b) 12	
	c) 10	d) 13	
12)	Primary memory is also called		
	a) Main Memory	b) Auxiliary memory	
	c) ROM	d) None of these	
13)	Secondary memory is also	called	
	a) Main Memory	b) Auxiliary memory	
	c) RAM	d) None of these	
14)	Which is the brain of a com	puter	
	a) CPU	b) I/O	
	c) Memory	d) None of these	
15)	In Hexadecimal system, Br	neans	
	a) 10	b) 11	
	c) 12	d) 13	
16)	What is the standard Opera	ating system of workstation	
16)	What is the standard Opera a) Windows	b) Unix	
16)			
	a) Windows	b) Unix	
	a) Windowsc) Apple Macintosh	b) Unix	
	a) Windowsc) Apple MacintoshCache is a type of	b) Unix d) None of these	
17)	a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory	b) Unix d) None of these b) Output device	
17)	a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory	b) Unix d) None of these b) Output device d) Processor	
17)	 a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory Computer sends information 	b) Unix d) None of these b) Output device d) Processor on to an output device in the form of	
17) 18)	 a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory Computer sends information a) Binary 	b) Unix d) None of these b) Output device d) Processor on to an output device in the form of b) Decimal	
17) 18)	a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory Computer sends information a) Binary c) Octal	b) Unix d) None of these b) Output device d) Processor on to an output device in the form of b) Decimal	
17) 18)	a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory Computer sends information a) Binary c) Octal F is a number in	b) Unix d) None of these b) Output device d) Processor on to an output device in the form of b) Decimal d) All of these	
17) 18) 19)	 a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory Computer sends information a) Binary c) Octal F is a number in a) Binary 	b) Unix d) None of these b) Output device d) Processor on to an output device in the form of b) Decimal d) All of these b) Octal	
17) 18) 19)	a) Windows c) Apple Macintosh Cache is a type of a) Input device c) Memory Computer sends information a) Binary c) Octal F is a number in a) Binary c) HexaDecimal	b) Unix d) None of these b) Output device d) Processor on to an output device in the form of b) Decimal d) All of these b) Octal	
