
Student Name	Roll No.	Section	Signature
--------------	----------	---------	-----------

DO NOT OPEN THE QUESTION BOOK OR START UNTIL INSTRUCTED.

Instructions:

1. Attempt on question paper. Attempt all of them. Read the question carefully, understand the question, and then attempt it.
2. No additional sheet will be provided for rough work. Use the back of the last page for rough work.
3. If you need more space write on the back side of the paper and clearly mark question and part number etc.
4. After asked to commence the exam, please verify that you have **8** different printed pages including this title page. There are a total of **1** question.
- 5. Use of Calculator is strictly prohibited.**
6. Use permanent ink pens only. Any part done using soft pencil will not be marked and cannot be claimed for rechecking.

	Q-1	Total
Marks Obtained		
Total Marks	45	45

Question 1 [45 Marks]

Please write the correct option in the table given at the end of the question. Overwriting or multiple answers will result in zero marks.

1. Which of the following is correct with respect to the size of the storage units?
 - a) Terabyte < Petabyte < Exabyte < Zettabyte
 - b) Petabyte < Exabyte < Zettabyte < Terabyte
 - c) Exabyte < Zettabyte < Terabyte < Petabyte
 - d) Zettabyte < Exabyte < Petabyte < Terabyte
2. In a computer, which unit is responsible for processing data and is also called the electronic brain of the computer?
 - a) Hard Disk
 - b) Central Processing Unit (CPU)
 - c) RAM
 - d) Keyboard
3. Which of the following is a soft copy output device?
 - a) Monitor
 - b) Daisy
 - c) wheel printer
 - d) Plotter Laser printer
4. Having multiple copies of the same file is dangerous because
 - a) Waste of storage space
 - b) Any changes won't sync between them
 - c) Leads to having different versions of the same document
 - d) All of the above
5. Accessing file names are easy when:
 - a) descriptive file names are used
 - a) common letters and abbreviations are used
 - b) ! or AA used for the most used files
 - c) All of the above
6. Which of the following is false about data organization?
 - a) Use descriptive file names
 - b) Digital photos might get organized based on the year/place they were taken
 - c) Keep your backup on the same storage device
 - d) Delete the files which are old
7. Which of the following is not a vocal technique for effective presentation?
 - a) Loudness
 - b) Pitch
 - c) Frequency
 - d) Pause

8. In Microsoft Word, _____ can be used to decide on the spacing between lines of a paragraph.
- a) Alignment
 - b) Effects
 - c) Indentation
 - d) Line spacing
9. A word processor would most likely be used to do
- a) Keep an account of money spent
 - b) Do a computer search in the media center
 - c) Maintain an inventory
 - d) Type a biography
10. Which can be used for quick access to commonly used commands and tools?
- a) Status bar
 - b) Toolbar
 - c) Menu bar
 - d) Title bar
11. Microsoft PowerPoint is a _____ application that allows users to combine text and graphics for on-screen presentations.
- a) Photoshop
 - b) Text Editor
 - c) Presentation software
 - d) Web explorer
12. Which of the following is a use of MS PowerPoint?
- a) Sales and marketing presentations
 - b) Professional training
 - c) Create a photo album or slideshow
 - d) All of the above
13. Which of the following shows the number and title of the slide you are about to display in Microsoft PowerPoint?
- a) Slide menu
 - b) Slide indicator
 - c) Slide dialog box
 - d) Slide tool tip
14. Which PowerPoint view displays each slide of the presentation as a thumbnail and is useful for rearranging slides?
- a) Slide Master
 - b) Slide Show
 - c) Slide Sorter
 - d) Notes Page
15. What is the intersection of a column and a row on a worksheet called?
- a) Column
 - b) Value

c) Address

d) Cell

16. How will you graphically represent expenditure in different departments?

a) Column Chart

b) Line Chart

c) Pie Chart

d) Dot Chart

17. A feature that displays only the data in column (s) according to specified criteria

a) Formula

b) Sorting

c) Filtering

d) Pivot

18. MS. Excel provides the default value for step in Fill Series dialog box

a) 0

b) 1

c) 5

d) 10

19. To remove the content of selected cells you must issue _____ command

a) Delete

b) Clear contents

c) Clear All

d) Clear Delete

20. What will be the output if you format the cell containing 5,436.8 as '#,##0.00'?

a) 5430

b) 5436.80

c) 5436.8

d) 6.8

21. In MS Excel, _____ text function is useful for combining values from different cells into a single cell.

a) ADD

b) SUM

c) CONCATENATE

d) MERGE

22. The binary equivalent of $(08)_8$ is

a) $(010)_2$

b) $(100)_2$

c) $(1000)_2$

d) None of the above

23. Find the decimal equivalent of the 6-bit binary number $(101.101)_2$

a) $(5.25)_{10}$

b) $(5.125)_{10}$

c) $(5.625)_{10}$

d) None of the above

24. If $(110)_x = (132)_4$ then $x =$

a) 8

b) 5

c) 4

d) 9

25. When the value $(37)_{16}$ is divided by $(17)_{16}$, the remainder is

a) $(C0)_{16}$

b) $(03)_{16}$

c) $(07)_{16}$

d) $(09)_{16}$

26. Perform binary multiplication on the bits 1010 and 1111 yields

a) 10010110

b) 10011110

c) 10011000

d) 10110100

27. Organized collection of system components to record business transactions is called:

a) E-commerce

b) Enterprise resource planning

c) Transaction processing system

d) Management information system

28. Which is NOT an information system activity:

a) Input data

b) Print data

c) Process data

d) Output data

29. Which is NOT the part of processing data:

a) Summarize

b) Sorting

c) Manipulating

d) Comparing

30. The DNS (Domain Name System) maps the IP Addresses to:

a) A binary address as strings

b) An alphanumeric address

c) A hexadecimal address

d) Hierarchy of Domain names

31. A Router can do everything that a Switch can do:

a) True

- b) False
 - c) Depends on the Router's capacity
 - d) Not enough information
32. Hassan and Ashar uploaded a 2GB file using their home internet from the same ISP. It took 20 minutes to upload from Hassan's PC and 15 minutes from Ashar's. what can be concluded from this:
- a) The bandwidth of Ashar's Network is greater than that of Hassan's
 - b) It has nothing to do with the network bandwidth
 - c) Ashar's PC has 8GB RAM and Hassan has 4GB RAM
 - d) Not enough information
33. Which of the following is not a valid IPv4/v6 Address?
- a) 172.16.100.104
 - b) 172.90.270.100
 - c) 127.0.0.0
 - d) 07:01:02:01:2C:4B
34. Which term identifies a specific computer on the web and the main page of the entire site?
- a) WWW
 - b) URL
 - c) Address
 - d) Mac Address
35. The second part of the URL : http://nu.edu.pk/Program/MBA specifies the
- a) Protocol
 - b) Domain Name
 - c) Client Name
 - d) File name
36. The information about who is using which data (Locks) is stored in:
- a) Database Dictionary
 - b) Data Control Language
 - c) Database Indexes
 - d) Database Views
37. Which SQL statement list(s) all the necessary fields for the database management project.
- a) Data Definition Language (DDL)
 - b) Data Manipulation Language (DML)
 - c) Data Control Language (DCL)
 - d) Data Backup Language (DBL)
38. What is DBMS?
- a) DBMS is a collection of queries.
 - b) DBMS is a high-level language.
 - c) DBMS is a Markup Language.
 - d) DBMS stores and retrieves data.
39. Database Management System(DBMS) does not provide:
- a) Consistency

b) Data Dependence

- c) Security
- d) Persistence

40. Which of the following attributes of text box control in HTML allow to limit the maximum character?

- a) size
- b) len
- c) maxlength**
- d) all of these

41. We write single _____ before the pseudo-class property.

- a) Colon**
- b) Dot
- c) Hash
- d) Semicolon

42. Following CSS code is written. After visiting link from IE 8, user have open to newly installed Google Chrome for very first time. Color of link visited inside IE8 will be:

```
<style>
a:link {
    color:#FF0000;
}
a:visited {
    color:#00FF00;
}
a:hover {
    color:#FF00FF;
}
a:active {
    color:#0000FF;
}
</style>
```

a) #FF0000

- b) #00FF00
- c) #FF00FF
- d) #0000FF

43. Following Style is applied to

```
div.wrapper h2 {
    font-size:
    18px;
    margin-top: 0;
}
```

- a) Type 2 Heading inside Element div of class wrapper**
- b) Type 2 Heading inside Element div with id wrapper
- c) Type 2 Heading inside Element div of any class
- d) None of the above

44. <a> tag stands for:

- a) Active Tag
- b) Action Tag
- c) Anchor Tag
- d) Additional Tag

45. COTS stands for

- a) Commercial Off-The-Shelf systems
- b) Commercial Off-The-Shelf states
- c) Commercial Off-The-System state
- d) None of the above

MCQ number	Correct answer Example (c)
1	a
2	b
3	a
4	d
5	d
6	c
7	c
8	d
9	d
10	b
11	c
12	d
13	b
14	c
15	d
16	c
17	c
18	b
19	b
20	b
21	c
22	d
23	c

MCQ number	Correct answer Example (c)
24	b
25	d
26	a
27	c
28	b
29	c
30	d
31	a
32	a
33	b
34	b
35	b
36	a
37	b
38	d
39	b
40	c
41	a
42	a
43	a
44	c
45	a