

St. PBN PUBLIC SCHOOL
UT3 EXAMINATION
CLASS XI
COMPUTER SCIENCE (OBJECTIVE & SUBJECTIVE)
(SUBJECT CODE-083)
SAMPLE PAPER

Time: 2 Hours

M.M:50

INSTRUCTIONS:

- All questions are mandatory
- Read the questions carefully before attempting.

Part A- OBJECTIVE

Each question carries one mark

(1×20=20M)

1. Choose the correct option.

- (a) In Python, a tuple can contain only integers as its elements.
- (b) In Python, a tuple can contain only strings as its elements.
- (c) In Python, a tuple can contain both integers and strings as its elements.
- (d) In Python, a tuple can contain either string or integer but not both at a time.

2. What will be the output of below Python code?

```
tupl=("annie","hena","sid")
```

```
print(tupl[-3:0])
```

- (a) ("annie")
- (b) ()
- (c) None
- (d) Error as slicing is not possible in tuple.

3. What will be the output of following python code?

```
t1 = (23, 45, 67, 43, 21, 41)
```

```
print(t1[1:2])
```

- (a) (45)
- (b) (45,)
- (c) (45,67)
- (d) None of these

4. Which of the following will give error?

Suppose dict1= {"a":1,"b":2,"c":3}

- (a) print(len(dict1))
- (b) print(dict1.get("b"))
- (c) dict1["a"]=5
- (d) None of these.

5. Choose the correct option with respect to Python.

- (a) Both tuples and lists are immutable.
- (b) Tuples are immutable while lists are mutable.
- (c) Both tuples and lists are mutable.
- (d) Tuples are mutable while lists are immutable.

6. The index value of list start from 0.

- (a) True
- (b) False

7. Which of the following will delete key_value pair for key="tiger" in dictionary?

dic={"lion":"wild","tiger":"wild","cat":"domestic","dog":"domestic"}

- (a) del dic["tiger"]
- (b) dic["tiger"].delete()
- (c) dic["tiger"].delete()
- (d) del(dic["tiger"])

8. What will be the output of python code?

d1={"abc":5,"def":6,"ghi":7}

print(d1[0])

- (a) abc
- (b) 5
- (c) {"abc":5}
- (d) error

9. Which of the following is not a function of tuple?

- (a) update()
- (b) max()

- (c) min()
- (d) count()

10. Consider, T1=(“TEA POT”, [1,2,’3’],’S’,(3,4,6),”book”,10)

What will be the output of : T1[1][2]*3

- (a) 444
- (b) ‘333’
- (c) ‘SSS’
- (d) ‘book’

11. What will be the output of the following code :

```
a=(23,34,65,20,5)
```

```
print(a[0]+a.index(5))
```

- (a) 28
- (b) 29
- (c) 27
- (d) 26

12. What we call the operation which is used to extract particular range from a sequence.

- (a) Slicing
- (b) Indexing
- (c) Range
- (d) Replication

13. Identify data type of ‘T’ in following line of code:

```
T = list(tuple([1,2,3]))
```

```
print(type(T))
```

- (a) Tuple
- (b) List
- (c) Nested List
- (d) None of above

14. Result of list slice is also a list.

- (a) True
- (b) False

15. What will be the output of the following code in python ?

```
T = [1,2,3,4]
T1=[5,6,7]
L=T.append(T1)
print(L)
```

- (a) None
- (b) [1, 2, 3, 4, [5, 6, 7]]
- (c) []
- (d) Error

16. What type of error is returned by following statement?

```
T = [1,2,3,4]
print(T.index(9))
```

- (a) IndexError
- (b) TypeError
- (c) ValueError
- (d) None of the above

17. module in python implements many common statistical formulas.

- (a) random
- (b) math
- (c) statistics
- (d) sql.connector

18. Each time we use the randint () function, it produces different results.

- (a) True
- (b) False

19. What will be the output of >>>print(math.fabs(-400))

- (a) -4
- (b) 400
- (c) -400
- (d) error

20. A function call can be made several times in a python module

- (a) True
- (b) False

Part B- SUBJECTIVE

21. Fill in the Blanks :

(1×4=4M)

- i. function returns a set of data values that appears most often in a data set.
- ii. Lists are indexed by an data type.
- iii. The operator concatenates tuples
- iv. is to arrange the list in an ascending or descending order.

Short Answer Type Questions

(3×2=6M)

22. What do you mean by packing and unpacking of tuple? Explain with example.
23. What is the usage of membership operator 'in' and 'not in' in context of tuples in python?
24. What is the difference between extend() and append() function used in list?

Long Answer Type Questions

(3×4=12M)

25. Explain the following dictionary functions and methods: get(),items(),values(),copy().
26. Write a program to create a list of elements. Input an element from the user that has to be inserted in the list. Also, input the position at which it is to be inserted.
27. Explain all the functions of random module.

Case- based/Programming Based Questions

(2×4=8M)

28. The record of a student (Name, Roll No, Marks in five subjects and percentage of marks) is stored in the following list:

```
studRecord = ['Reena', 'A-36', [78,66,87,95,70],87.9]
```

Write Python statements to retrieve the following information from the list studRecord.

- | | |
|-----------------------------------|----------------------------------|
| (i) Percentage of the student | (iii) Marks of the fifth subject |
| (ii) Maximum marks of the student | (iv) Roll No. of the student |

29. Consider a following nested list :

L1= [10, ["few", "facts", "fun"], 3, 'good'] and predict the outputs for the following statements:

- (i) L1[3:]
- (ii) L1[: :2]
- (iii) L1[1:2]
- (iv) L1[1][1]

SAMPLE PAPER
ST PBN PUBLIC SCHOOL
Physical Education
Class – XI
UT-II

GENERAL INSTRUCTIONS :-

- 1. All questions are compulsory.**
- 2. Questions 1 to 12 carry 1 mark.**
- 3. Questions 13 to 16 carry 2 mark.**
- 4. Questions 17 to 21 carry 3 mark.**
- 5. Questions 22 to 24 carry 5 mark.**

1. In which of the following, which is not the component of health related fitness?
(a) muscular strength (c) flexibility
(b) muscular endurance (d) speed
2. Which is the significant safety measure to prevent sports injuries?
(a) To be warm up (c) Proper surface of playground
(b) To be hydrated (d) All of the above
3. Adventure sports are also popularly known as _____.
4. _____ is an exciting water sport in which the person rides waves, usually in the ocean.
5. Warm up is necessary before practice or _____.
6. Proper surface of playground/field is a significant factor in reducing the risk of sports _____.
7. By wearing appropriate sports gears the risk of _____ can be reduced.
8. A leader in the field of physical education should not be decisive. (True/False)
9. A leader in the field of physical education should have higher motor capacity . (True/False)
10. Scuba diving is not an adventure sports. (True/False)
11. What does Higher waist hip ratio mean?
12. What does the range of motion around a joint is known as?
13. Elaborate paragliding in detail.
14. Discuss the role of leader in brief.
15. Discuss about mountaineering in detail.

16. Leaders can be trained through physical education. Justify your answer.
17. Elucidate any three measures to prevent sports injuries.
18. Briefly discuss about partial curls up.
19. How will you measure the Somatotypes? Explain the procedure in brief.
20. Discuss the procedures of measurement of body mass index.
21. Define test, measurement and evaluation.
22. Elucidate the Harvard step test measure the cardiovascular fitness.
23. Discuss the role of leader in the field of physical education.
24. Discuss various safety measures for preventing sports injuries.

SAMPLE PAPER

CLASS – XI

SUBJECT – ENGLISH

TIME- 2 HRS.

MM. 50

GENERAL INSTRUCTIONS:

- 1. ALL QUESTIONS ARE COMPULSORY.**
- 2. READ THE INSTRUCTIONS CAREFULLY.**

Q1. Read the following passage carefully : 10M

1. It is rare to find someone with good technical and communication skills. You can get far ahead of your colleagues if you combine the two early in your career. People will judge, evaluate, promote or block you based on your communication skills. Since habits form by repeating both good and bad forms of communication, learn to observe great communicators and adopt their styles and traits -in written and verbal forms. The art of listening and learning from each and every interaction is another secret recipe. Develop the subconscious habit of listening to yourself as you speak and know when to pause.

2. Learning what not to say is probably more important than learning what to say. As your career develops, you will realise that the wise speak less. Speak when you have value to add, else refrain. Poorly constructed emails with grammatical errors are acceptable between friends, but they should be seriously avoided while communicating formally with your seniors. Avoid any communication in an emotional state when you might say things you might regret later. One unnecessary word uttered at the wrong time or place can ruin a relationship, career or even your life. Such is the power of words. If such a thing happens, you should immediately apologise, otherwise, it may haunt you for life. Words are powerful because

- (i) they can ruin relationships
- (ii) they can ruin careers
- (iii) they can make you regret later
- (iv) they are a source of all communication and interaction.

3. Another problem to overcome is speaking too fast. Since our minds are working faster than our speech, we are inclined to speak fast. This does not necessarily mean that the person hearing it will get it any faster. On the contrary, it is always the reverse. So slow down, and think before you speak. "When I get ready to speak to people," Abraham Lincoln said, "I spend two-thirds of the time thinking what they want to hear and one-third thinking what I want to say." Adding humor and wit is also essential. But realise that not all jokes are funny and observe certain boundaries. Never say anything that could offend. Remember you are not a comedian who must offend as many people as you can to be witty.

On the basis of your understanding of the above passage, tick mark the questions given below by choosing the most appropriate option.

(a) Communication skill

1. is the art of listening
2. learning from each and every interaction with great communicators
3. observing good communicators
4. is the ability one uses to give and receive different kinds of information

(b) Communication skills can be developed by

1. talking to other people
2. observing great communicators and adapting their styles and traits
3. mastering the art of listening
4. by pausing

(c) One should develop good communication skills because

1. there are good and bad forms of communication
2. it can help one with technical skills to be ahead of one's colleagues.
3. people judge you by the way you communicate
4. all three (i), (ii) and (iii)

(d) Which statement is false

1. One is judged by his/her ability to communicate.
2. For good communication the habit of listening as one speaks and practising when to pause should be developed.
3. Good communicators listen and learn from each others interaction.
4. Repeating good and bad forms of communication helps develop communicative skill

(e) The wise speak less because

1. they know what not to say is more important than what to say
2. they do not want to speak unnecessarily
3. they do not want to enter into any controversy
4. they believe in working rather than talking

(f) One wise speak only

1. when asked to
2. when they have value to add
3. when they want to
4. when they have to make people listen to him

(g) Speaking too fast:

1. enables you to communicate without loss of time
2. enables you to speak everything you wish to convey without being interrupted by the listeners
3. makes the person hear what you wish to communicate faster
4. can be confusing because the mind works faster than speech

(h) 'Evaluate' in para 1 is:

1. estimate
2. punish
3. evolves
4. assume

(i) 'Trait' in para 1 is synonyms of _____.

1. treaty
2. trail
3. quality
4. liberty

(j) Synonym of 'utter' in para 2 is:

1. flatter
2. speak
3. rot
4. unique

Q2. You are Amit/Amita Mehra an old student of St. PBN Public School, Gurugram. Write a letter to the principal of your school making concrete suggestions for the beautification of the school. (8M)

Q3. Design a catchy Poster on the topic "Say not to plastics". (7M)

Q4. Rearrange the following into meaningful sentences. (4M)

- (i) work and play / things / different / parents see / as two
- (ii) is a / of time / they / waste / think / that playing
- (iii) important/games / studies / are as / as
- (iv) students/creativity/their/get/to unleash/opportunity/an

Q5. Choose the correct determiners. (3M)

(a) The story was published in _____ the local newspapers.

- 1. all
- 2. some
- 3. few
- 4. a few

(b) Do you have _____ complaint against the clerk?

- 1. any
- 2. some
- 3. few
- 4. a few

(c) I drank _____ water which was left in the jug.

- 1. an
- 2. the
- 3. some
- 4. few

Q6. Choose the correct option. (3M)

(a) You should not _____ the worst.

- 1. assumed
- 2. assuming
- 3. assume
- 4. assumes

(b) Choose the present indefinite tense form of the sentence. "He had been sleeping."

- 1. He has been sleeping.
- 2. He had slept.
- 3. He has slept.

4. He sleeps.

(c) Identify the tense used in the underlined phrase. “He joined the cooking school late but only in a few months had mastered the recipes.”

1. Past indefinite tense
2. Past perfect tense
3. Present perfect tense
4. Present indefinite tense

Q7. Read the extract given below and answer any two of the questions that follow. (3M)

When did my childhood go? Was it the time I realised that adults were not all they seemed to be, They talked of love and preached of love, But did not act so lovingly, Was that the day!

QUESTIONS:

- (a) Who is ‘my’ in the above lines?
- (b) Why is ‘I’ confused?
- (c) Explain: “But did not act so lovingly”.

Q8. Answer the following questions into 30 to 40 words. (4x3=12M)

1. Why is the Earth said to be an ailing planet?
2. What does Millie tell Taplow about her husband? What assignment does she offer the young boy?
3. What punishment did the history teacher give to Albert for not answering his questions?
4. What advice did Yuri give to Albert before meeting Dr. Ernestweil?
5. Write the functions of rain. (voice of the rain)

ST. PBN PUBLIC SCHOOL

CLASS – XI Sample Paper

SUBJECT- HISTORY

TIME DURATION: 2Hrs.

M.M. 50

PART-A

(1x14=14)

Q-1 Who was Ibn Rushd?

- a. Philosopher
- b. Mathematician
- c. Artist
- d. Painter

Q-2 state whether True /False.

Indian Reorganization act gave natives the right to buy land and Loans.

Q-3 Who devised an engine called the 'Puffing Devil'

- a. Richard Trevthick
- b. Ned Ludd
- c. Charles Dickens
- d. D H Lawrence

Q-4 America Was discovered in 1492 by _____.

Q-5 Almagest, a work on astronomy was written by

- a. Ptolemy
- b. Ibn Sina
- c. Al-Razi
- d. Ibn-Rushd

Q-6 _____ was a great writer of England. 'Utopia' was his Literary Masterpiece.

Q-7 Who started the protestant Reformation in Germany

- a. Ulrich Zwingly
- b. Jean Calvin
- c. Martin Luthur
- d. Ignatius Layola

Q-8 Read the statement carefully correct it and rewrite again.

'Mona lisa' and 'The Last Supper' were the famous paintings of **Dante**.

Q-9 The land purchased by America from France

- a. Louisiana
- b. Alaska
- c. Quebec
- d. Georgia

Q-10 First steam locomotive, Rocket, was invented by

- a. James Watt
- b. Edmund Cartwright
- c. Stephenson
- d. James Brindley

Q-11 Blast Furnace was invented by

- a. Abraham Derby
- b. John Wilkinson
- c. Thomas Savery
- d. Thomas Newcomen

Q-12 What do you mean by Coasters.

Q-13 What do you understand by Renaissance?

Q-14 Who made the Historic Declaration regarding slavery?

PART-B

3x4=12

Q-15 What Was the theory of Copernicus?

Q-16 Why were the Venetian idea of good government with those in contemporary France?

Q-17 What was the opinion of Karl Marx about Socialism?

Q-18 What were the interesting features of the inventions of this period?

Or

Compare the effects of the coming of the railways on different countries of the world?

PART-C

(8x2=16)

Q-19 What were the causes of Renaissance in western Europe?

Or

How the world appeared different to 17th century Europeans?

Q-20 Discuss the socio-economic effects of the Industrial Revolution?

Or

Discuss the features of the lifestyle of the native peoples of North America?

PART-D

Case study based

Read the passage carefully answer the following questions:

William Tyndale, an English Lutheran who translated the Bible into English in 1506, defended Protestantism thus: 'In this they be all agreed, to drive you from the knowledge of the scripture, and that ye shall not have the text in the mother tongue, and to keep the world in darkness, to the intent they might sit in the consciences of the people, through vain superstition and false doctrine, to

satisfy their proud ambition, and insatiable covetousness, and to exalt their own honor above king and emperor, yea, and above God himself... Which thing only moved me to translate the New Testament. Because I had perceived by experience, how that it was impossible to establish the lay-people in any truth, except the scripture were plainly laid before their eyes in their mother-tongue, that they might see the process, order, and meaning of the text.

(a) What was the Protestant Movement? 1

(b) Who was William Tyndale and what is his contribution to the Protestant Movement? 2

(c) What was the result of the Protestant Movement?

PART-E

On the given map locate and label the following points: (Any Three) 3M

- a. Florida
- b. North Carolina
- c. Leads
- d. New castle
- e. Italy

UNIT TEST –III(SAMPLE PAPER)

CLASS –XI

SUBJECT –POLITICAL SCIENCE

TIME -2 hr

MM-50

GENERAL INSTRUCTIONS-

- i. Question no. 1 to 10 is objective type question carrying 1 mark each.
- ii. Question no 11 to 16 is 2 marks each question. Answer to each question should not exceed 50 words.
- iii. Question no. 17 &18 are passage based question of 5 marks each.
- iv. Question no. 19 to 21 is long answer type question, carrying 6 marks each. Answer to each question should not exceed 120 words.

1. The maximum strength of Rajya Sabha is _____. 1
2. The word freedom means _____. 1
3. What is Equality? 1
4. _____ has Presidential form of government. 1

5. A bill cannot become a law without the _____ assent. 1
6. What is Question hour? 1
7. Name any two states having single legislature. 1
8. Name two political thinkers who gave positive concept of liberty. 1
9. Who wrote famous book Hind Swaraj? 1
10. Who presides over the joint sitting if both the houses of Parliament? 1
11. Why do we need two houses of Parliament? 2
12. How can President of India removed? 2
13. Are social constraints of any kind necessary for enjoying freedom? 2
14. What is equality before law? 2
15. Distinguish between Political equality and economic equality. 2
16. What are the fundamental difference between the concepts of Liberty and Freedom? 2
17. Read the passage given below carefully and answer the questions that follow:

We have a Parliamentary government both at the Centre and in states. Recent events had brought to the fore some problems which we did not experience earlier. One of these problems related to political instability, because we have failed to evolve a two party system. Since 1989 we had been having a hung Lok Sabha, since no single party was able to secure a clear majority in house.

- a. What is the tenure of Lok Sabha? 1
 - b. Why there is political instability in India? 2
 - c. Why did India adopt the Parliamentary system of government? 2
18. Read the passage given below carefully and answer the questions that follow:

All citizens should enjoy equal protection of the laws of land. There should be no discrimination between one person and another on grounds of religion ,race,caste or sex.

- a. Which section of Indian society are discriminated? 2
- b. What provision is been kept in the Constitution of India to protect the rights of Indian citizens? 3

19.Explain the major differences between the powers of Lok Sabha and Rajya Sabha?

OR 6

Describe the procediure of passing of a money bill.

20.Explain Natural and Social Inequalities of liberty. 6

OR

How can equality be promoted?

21.Examine the role and functions of the Civil servants. 6

OR

Explain the powers and functions of Union Cabinet.