KANHA MAKHAN PUBLIC SCHOOL VRINDAVAN
HOLIDAY HOMEWORK
Class :12 Comm.

SUBJECT	H.W.
ACCOUNTANCY	• Prepare project report as per assigned topic. • Work Sheet Attached In The File
BUSINESS STUDIES	1. Prepare project report as per assigned topic. 2. Work Sheet Attached In The File
ENTREPRENEURSHIP	• Prepare project report as per assigned topic. • Work Sheet Attached In The File
ECONOMICS	• Prepare project report as per assigned topic. • Work Sheet Attached In The File
ENGLISH	• Interview podcast (Part of internal Project)
COMPUTER SCIENCE	1. Work Sheet Attached In The File 2. Project synopsis
APPLIED MATHS	• Work Sheet Attached In The File. • Prepare project report as per assigned topic.

List of Suggested projects (Class XI /XII)
i) Use of prime numbers in coding and decoding of messages
ii) Prime numbers and divisibility rules
iii) Logarithms for financial calculations such as interest, present value, future value, profit/loss etc. with large values)
iv) The cardinality of a set and orders of infinity
v) Comparing sets of Natural numbers, rational numbers, real numbers and others
vi) Use of Venn diagram in solving practical problems

vii) Fibonacci sequence: Its' history and presence in nature
viii) Testing the validity of mathematical statements and framing truth tables
ix) Investigating Graphs of functions for their properties
x) Visit the census site of India http://www.censusindia.gov.in/Census_Data_2001/Census_Data_Online/Language/State ment3.htm Depict the information given there in a pictorial form
xi) Prepare a questionnaire to collect information about money spent by your friends in a month on activities like travelling, movies, recharging of the mobiles, etc. and draw interesting conclusions
xii) Check out the local newspaper and cut out examples of information depicted by graphs. Draw your own conclusions from the graph and compare it with the analysis given in the report
xiii) Analysis of population migration data – positive and negative influence on urbanization
xiv) Each day newspaper tells us about the maximum temperature, minimum temperature, and humidity. Collect the data for a period of 30 days and represent it graphically. Compare it with the data available for the same time period for the previous year
xv) Analysis of career graph of a cricketer (batting average for a batsman and bowling average for a bowler). Conclude the best year of his career. It may be extended for other players also – tennis, badminton, athlete
xvi) Vehicle registration data – correlating with pollution and the number of accidents
xvii) Visit a village near Delhi and collect data of various crops over the past few years from the farmers. Also, collect data about temperature variation and rain over the period for a particular crop. Try to find the effect of temperature and rain variations on various crops
xviii) Choose any week of your ongoing semester. Collect data for the past 10 – 15 years for the amount of rainfall received in Delhi during that week. Predict the amount of rainfall for the current year
xix) Weather prediction (prediction of monsoon from past data)
xx) Visit Kirana shops near your home and collect the data regarding the sales of certain commodities over a month. Try to figure out the stock of a particular commodity which should be in the store in order to maximize the profit
xxi) Stock price movement
xxii) Risk assessments by insurance firms from data
xxiii) Predicting stock market crash
xxiv) Predicting the outcome of an election – exit polls
xxv) Predicting mortality of infants

- **There are 15 MCQ questions in Section A.**
- **There are 50 MCQ questions in Section B.**
- **Section C One question is to design synopsis of your project.**

Section-A

1. Which of the following is the use of function in python?
   a) Functions are reusable pieces of programs
   b) Functions don't provide better modularity for your application
   c) you can't also create your own functions
   d) All of the mentioned

2. Which keyword is use for function?
   a) Fun   b) Define   c) Def   d) Function

3. What is the output of the below program?
   ```
   def sayHello():
    print('Hello World!')
   sayHello()
   sayHello()
   ```
   a) Hello World!
   Hello World!
   b) 'Hello World!'
   'Hello World!'
   c) Hello
   Hello
   d) None of the mentioned

4. What is the output of the below program?
   ```
   def printMax(a, b):
    if a > b:
    print(a, 'is maximum')
    elif a == b:
    print(a, 'is equal to', b)
    else:
   Page No 21
    print(b, 'is maximum')
   printMax(3, 4)
   ```
   a) 3   b) 4   c) 4 is maximum   d) None of the mentioned

5. What is the output of the below program ?
   ```
   x = 50
   def func(x):
    print('x is', x)
    x = 2
    print('Changed local x to', x)
   func(x)
   print('x is now', x)
   ```
   a) x is now 50   b) x is now 2   c) x is now 100   d) None of the mentioned

6. What is the output of the below program?
   ```
   x = 50
   def func():
    global x
    print('x is', x)
    x = 2
    print('Changed global x to', x)
   ```

```
func()
print('Value of x is', x)
```
a) x is 50
Changed global x to 2
Value of x is 50
b) x is 50
Changed global x to 2
Value of x is 2
c) x is 50
Changed global x to 50
Value of x is 50
d) None of the mentioned

7. What is the output of below program?
```
def say(message, times = 1):
 print(message * times)
say('Hello')
say('World', 5)
```
a) Hello
WorldWorldWorldWorldWorld
b) Hello
World 5
c) Hello
World,World,World,World,World
d) Hello
HelloHelloHelloHelloHello

8. What is the output of below program?
```
def maximum(x, y):
 if x > y:
 return x
 elif x == y:
 return 'The numbers are equal'
 else:
 return y
print(maximum(2, 3))
```
a) 2   b) 3   c) The numbers are equal   d) None of the mentioned

9. Which statement will read 5 characters from a file (file object 'f')?
a. f.read ()   b. f.read (5)   c. f.reads (5)   d. None of the above

10. The readlines() method returns
a) str   b) a list of lines
c) a list of single characters   d) a list of integers

11. What is the output of below program?
```
def cube(x):
 return x * x * x
x = cube(3)
print x
```
a) 9
b) 3
c) 27
Page No 25
d) 30

12. What is the output of the below program?
```
def C2F(c):
 return c * 9/5 + 32
print C2F(100)
```

print C2F(0)
a) 212

32

b) 314

24

c) 567

98

d) None of the mentioned

13. What is the output of the below program?

```
def power(x, y=2):
 r = 1
 for i in range(y):
 r = r * x
 return r
print power(3)
print power(3, 3)
```

a) 212

32

b) 9

27

c) 567

98

d) None of the mentioned

14. To open a file c:\scores.txt for reading, we use

a) infile = open("c:\scores.txt", "r")   b) infile = open("c:\\scores.txt", "r")

c) infile = open(file = "c:\scores.txt", "r")   d) infile = open(file = "c:\\scores.txt", "r")

15. To read two characters from a file object infile, we use

a) infile.read(2)   b) infile.read()   c) infile.readline()   d) infile.readlines()

SECTION-B

Q1.   What is sorting? Name some sorting techniques.

Q2.   Why do number-of-comparisons reduce in every successive iteration in bubble sort?

Q3.   What is the basic principle of sorting in insertion sort ?

Q4.   Number of operations wise, compare bubble sort and insertion sort techniques

Q5.   What is the main difference between Bubble sort and Insertion sort techniques?

Q6.   Write a program in python to sort data using bubble sort.

Q7.   Write a program in python to sort data using insertion sort.

Q8.   What are the steps to sort a list using bubble sort.
        Assume list a=[12,3,15,6,22,2]

Q9.   What are the steps to sort a list using bubble sort.
        Assume list a=[11,13,23,15,6,22,2]

Q10.   If a is (1, 2, 3)(a) what is the difference (if any) between a * 3 and (a, a, a)? (b) is a * 3 equivalent to
        a + a + a ? (c) what is the meaning of a[1:1] ?(d) what is the difference between a[1:2] and a[1:1] ?

Q11.   Does the slice operator always produce a new tuple ?

Q12.   The syntax for a tuple with a single item is simply the element enclosed in a pair of matching
        parentheses as shown below : t = ("a") Is the above statement true? Why? Why not ?

Q13.   Are the following two assignments same ? Why / why not ? (b) T3 = (3, 4, 5) T4 = ((3, 4, 5)) (a) T1 =3,
        4, 5 T2 = (3,4 ,5)

Q14.   What would following statements print? Given that we have tuple = ('t', 'p', 'I') (a) print("tuple") (b)
        print(tuple("tuple")) (c) print (tuple)

Q15.   How is an empty tuple created?.

Q16.   How is a tuple containing just one element created?

Q17.   What is a function? How is it useful?

Q18.   A program having multiple function is considered better designed than a program without any

function. Why?

Q19. What is an argument? Give an example.

Q20. What is Python module? What is its significance?

Q21. What is Python library? Explain with example.

Q22. Write a program to calculate the following using modules:

(a) Energy = m * g * h   (b) distance = ut + + 1/2at2   (c) Speed = distance / time

Q23. Write a module to input total number of days and find the total number of months and remaining days after months, and display it in another program.

Q24. Write a program to calculate the volume and area of a sphere inside separate modules and import them in one complete package.

Volume = $4/3\pi r3$

Surface Area = $4\pi r2$

Q25. How do you reuse the functions defined in a module in your program?

Q26. What is a module? What is the file extension of a Python module?

Q27. How do you reuse the functions defined in a module in your program?

Q28. In how many ways can you import objects from a module?

Q29. How are following import statements different?

(a) import math

(b) from math import *

Q30. How does Python resolve the scope of a name or identifier?

Q31. How are keywords different from identifiers?

Q32. Differentiate between mutable and immutable objects in Python language with example.

Q33. What are literals in Python? How many types of literals are allowed in Python?

Q34. How many ways are there in Python to represent an integer literal?

Q35. What are data types? What are Python's built-in core data types?

Q36. What do you understand by the term Iteration?

Q37. What is indexing in context to Python strings? Why is it also called two-way indexing?

Q38. What is a string slice? How is it useful?

Q39. Write a program that reads a string and checks whether it is a palindrome string or not.

Q40. How are lists different from strings when both are sequences?

Q41. How many types of strings are supported in Python?

Q42. Write a program to accept values from a user in a tuple. Add a tuple to it and display its elements one by one. Also display its maximum and minimum value.

Q43. What is a module list? Give at least two reasons why we need modules.

Q44. How do you create your own package in Python?

Q45. What is the difference between import statement and from import statement?

Q46. Define 'module' and 'package'.

Q47. Write a method in Python to find and display the prime numbers between 2 to N. Pass argument to the method.

Q48. Write a program with a user-defined function with string as a parameter which replaces all vowels in the string with "*".

Q49. What is the utility of built-in function help()?

Q50. Name the Python Library modules which need to be imported to invoke the following functions:

(i) sin()   (ii) randint ()

Section C

Q1. Design the synopsis documentation of project from the following topics.

- School Management System
- Library Management System
- Airline Booking System
- Payroll Management System
- Hotel Management System
- Hospital Management System

1. The components of money supply are:
   a) currency held by the public and demand deposit of the public in commercial banks
   b) demand deposits of the public in commercial banks
   c) Currency held by the public
   d) other deposits with the RBI
2. Money can be used to transfer purchasing power from the present to the future. Which specific function of money is this called?
   a) double coincidence of wants
   b) store of value
   c) unit of account
   d) medium of exchange
3. Narrow money refers to:
   a) M3　　　　　b) M4　　　　　c) M1　　　　　d) M2
4. _____ are called legal tenders.
   a) Currency notes and coins
   b) Time deposits
   c) Inter - bank deposits
   d) Demand deposits
5. High Powered Money includes:
   a) C + R + OD
   b) C + R + TD
   c) C + DD + OD
   d) C + DD + TD
6. M1 and M 2 makes up:
   a) Broken money supply
   b) Broad money supply
   c) Narrow money supply
   d) High powered money
7. Full - bodied money is that money, whose money value and commodity value are:
   a) Different
   b) are not Equal
   c) Proportionately equal
   d) Equal
8. Money is an asset which can be stored for use in future. In the light of given statement, identify the function of money. (Choose the correct alternative)
   a) A measure of value
   b) A store of value
   c) A medium of exchange
   d) A standard of deferred payment
9. Money that is issued by the authority of the government is called:
   a) credit money
   b) fiduciary money
   c) fiat money
   d) full - bodied money
10. If initial deposits are₹ 500 and LRR is 10%, what is the money multiplier?
    a) 2　　　　　b) 20　　　　　c) 10　　　　　d) 1
11. Supply of money refers to quantity of money:
    a) As on any point of time
    b) As on 31st March
    c) During a fiscal year
    d) During any specified period of time
12. Which function is the Secondary Function of Commercial Banks?
    a) Agency Function
    b) All of these
    c) Social Function
    d) General Utility Function
13. What will be the total amount of money created in the system if legal reserves ratio is 20% and primary deposits are₹ 1,000?
    a) ₹ 5,000　　　　　b) ₹ 3,000　　　　　c) ₹ 2,000　　　　　d) ₹ 1,000
14. What is the thing which is generally accepted by everyone as a medium of exchange?
    a) Grains as money　　b) Money　　　c) Money and Goods　　d) Goods
15. Suppose in an economy, the initial deposits of₹ 400 crores lead to the creation of total deposits worth ₹ 4,000 crores. Under the given situation the value of reserve requirements would be _____.
    a) 0.4　　　　　b) 0.1　　　　　c) 0.01　　　　　d) 1
16. After Demonetisation, people deposited the old currency into their bank accounts. It will decrease the money supply in the economy. Defend or refute.
17. What are the characteristics or features of money?
18. Explain how money has solved the problem of double coincidence of wants.

19. How do commercial banks contribute to the supply of money in a country?
20. Explain Standard of deferred payments function of money.
21. Explain the credit creation role of Commercial Banks with the help of a numerical example.
22. Explain the 'unit of account' function of money. How has it solved the related problem created by barter?
23. Distinguish between Demand Deposits and Fixed Deposits.
24. 1.State any two components of the M_1 measure of the money supply.
    2.Elaborate any two instruments of Credit Control, as exercised by the Reserve Bank of India.
25. How central bank-controlled credit creation by the commercial banks?
26. Assertion (A): Net Demand Deposits (and not Gross Demand Deposits) of Commercial Banks are included in the money supply.
    Reason (R): Inter - bank deposits are the deposits held by banks on behalf of other banks and do not belong to the public.
    a) Both A and R are true and R is the correct explanation of A.
    b) Both A and R are true but R is not the correct explanation of A.
    c) A is true but R is false.
    d) A is false but R is true.
27. Assertion (A): It is convenient to store value in terms of money.
    Reason (R): The value of money does not remain relatively stable compared to other commodities.
    a) Both A and R are true and R is the correct explanation of A.
    b) Both A and R are true but R is not the correct explanation of A.
    c) A is true but R is false.
    d) A is false but R is true.
28. Write the correct pair.

Column I	Column II
(a) C + DD + OD + Net Time Deposits with Commercial Banks	(i) M^1 measureof money supply
(b) C + DD + OD + Deposits with Post Office Saving Bank	(ii) M^2 measure of money supply
(c) C + DD + OD + Total Deposits of Post Office Saving Bank	(iii) M^3 measure of money supply
(d) C + DD + OD	(iv) M^4 measure of money supply

   a) (c) - (iii)   b) (d) - (iv)   c) (a) - (i)   d) (b) - (ii)

Fill in the blanks:
29. Money Multiplier is also known as _____ or _____.
30. _____ or _____ Deposits are those deposits which arise due to loans given by the banks to the people.

Objective Type Question

1. Can all ideas be converted into Opportunities?
   a) Yes, as ideas lead to opportunity
   b) Yes, only if it has assured market scope
   c) Yes, only if there is a good market for the product and rate of return on the Investment is attractive
   d) Yes, if the entrepreneur has enough financial resources

2. 'Safe for Women'- SFW has been a known brand among working women as the company keeps introducing various new innovative products for the safety of women. Their latest product is a pen which can be used as a pocket knife. The product is huge demand.
   Which point of importance of scanning the environment does this news indicate?
   a) Formulation of strategies and policies   b) Tapping useful resources
   c) Image building   d) Better Performance

3. Qualities of a successful entrepreneur?
   a) Initiative & Self-confidence
   b) Willingness to take risks & Hard work
   c) Ability to learn from experience & Decision-making ability
   d) All of the above

4. Which of the following forms of business organisation require minimum two persons to start the same?
   i) Sole proprietorship   ii) Partnership
   iii) Private company   iv) Public company
   a) i) and ii)   b) iii) and iv)
   c) ii), iii) and iv)   d) ii) and iii)

5. A company is called an artificial person because
   a) it does not have the shape of a natural person   b) it cannot be sued in the court of law
   c) it is invisible and intangible   d) it exists in the eyes of law

6. Amaze Ltd. is a company engaged in the manufacturing of air- conditioners. The company has four main departments Purchase, Marketing and sales, Finance and warehousing. As the demand for the product grew, the company decided to recruit more employees in the finance department and marketing and sales departments.
   Identify the component of the business plan which will help the Human Resource Manager to decide and recruit the required number of persons for each department.
   a) Marketing Plan   b) Financial Plan
   c) Manpower Plan   d) Organisational Plan

7. What is the minimum number of members required to start a public company?
   a) 2   b) 5   c) 7   d) 50

8. Which of the following is not a component of financial plan?
   a) Economic and Social variables   b) Follow-up
   c) Break-even analysis   d) Preform investment decisions

9. Amar and Akbar started a partnership firm to help the poor and needy. They collected money from various agencies and used it benefit all those who are in dire need. Which characteristics are they violating?
   a) Agreement   b) Unlimited liability
   c) Profit Sharing   d) Utmost good Faith

10. Ravi Mohan is in the process of developing the business plan of shoes manufacturing unit which he wants to start an industrial area of Kanpur. He is in the process of developing a component of his

business plan wherein he has to detail the kinds of people required their number and the process of their selection. Which of the following components of his business plan he has to develop after this.

    a) Marketing plan   b) Financial plan

    c) Organisational plan   d) Operational plan

11. Being an artificial person, a company cannot sign the documents. Hence it uses a ………………. on which its name is engraved for the same.

    a) Trademark   b) Logo

    c) Patent   d) Common seal

12. Which of the following is not a disadvantage of sole proprietorship form of business organisation.

    a) Limited capital   b) Quick decision making

    c) Limited managerial ability   d) Limited continuity

13. Match the following:

Column I	Column II
A. Artificial Person	i) it has an independent status separate from its members.
B. Separate legal entity	ii) The liability of the shareholders is limited to the extent of the amount of share held.
C. Limited liability	iii) it can be terminated as per the companies act.
D. Winding up	iv) it is created by law and has a distinct personality of its own.

Codes

  A   B   C   D   A   B   C   D

a) (iv) (i) (ii) (iii)   b) (i) (ii) (iii) (iv)

c) (iv) (iii) (ii) (i)   d) (iii) (iv) (ii) (i)

State True/False:

14. To supplement her family income, Alia decided to start a boutique in her home. She employed a tailor, bought a machine and other raw material required and started her venture. Alia has started has started a sole proprietorship firm. (True/False)

15. The minimum number of members required to form a public company is 7 and minimum number of directors required are 3. (True/False)

16. Assertion: (A) Needs and problems exists in the environment

    Reason: (R) Opportunity is spotted by analysing the environment

    Alternatives:

    a) Assertion (A) is true but reason (R) is false

    b) Both Assertion (A) and Reason (R) are true, but reason (R) is not correct explanation of Assertion

    c) Assertion (A) is true and Reason (R) is the correct explanation of Assertion (A)

    d) Both Assertion (A) and Reason (R) are false

17. Assertion: (A) A male member becomes a member of HUF by merely taking birth in a family.

    Reason: (R) HUF does not arise by status or operation of Hindu Law.

    Alternatives:

    a) Assertion (A) is correct but reason (R) is incorrect

    b) Assertion (A) is incorrect but reason (R) is correct

    c) Both Assertion (A) and Reason (R) are incorrect

    d) Both Assertion (A) and Reason (R) are correct

SHORT ANSWER TYPE QUESTION

1. Kareem after completing his XII class from his village school joined the course of electrician in an ITI in a town near his village. On completion of this course, he tried for a government job but could not get the same. He therefore, decided to work as a helper to a renowned electrician of the area After working with him for 2 Years, he decided to start his own electrician shop for the village. For this, he purchased equipment of Rs 10,000 and hired a shop at a monthly rent of Rs. 2,000. He himself managed the shop.

(i)   Identify the kind of business organisation set-up by Kareem.

(ii) State any four characteristics of the identified form of business organisation. Explain any three characteristics of sole proprietorship

2. AB Ltd., manufacturing light bulbs decided to start manufacturing of ceiling fans. They formed a sister concern by the name "Cool Air Ltd." The new company was in the need of some investment and for the same they had approached a bank. They had submitted a business plan to the bank stating all the necessary details. They had mentioned very clearly in the plan that they will be manufacturing the blades and have decided to outsource the required motor parts. The plan spoke about the reason for outsourcing along with the contracts with subcontractors.

   (i) Explain the component of the business plan along with its related sub part.
   (ii) The business plan further gave details about the money which will be invested   by the owners and how much they are expecting to borrow. Explain the component of business plan along with its related sub part.

3. Explain any four factors which affect the formulation of a financial plan.

LONG ANSWER TYPE QUESTION
   1. Define organisational plan. A business can be classified in how many categories? Explain.
   2. Explain essential elements of operational plan?

Q.1 If x ≡ 4 (mod 7), then positive values of x are-

a) {4,11,18 _ _ _ _ } b) {11,18,25_ _ _ _ } c) {4,8,12_ _ _ _ ? d) {1,8,15_ _ _ _ ?

Q.2 If x ≤ 8, then

a) – x ≤ – 8 b) – x ≥ – 8 c) – x < – 8 d) – x > – 8

Q.3 If $\begin{vmatrix} 2 & 3 & 2 \\ x & x & x \\ 4 & 9 & 1 \end{vmatrix} + 3 = 0$, then value of x is

a) 3 b) 0 c) –1 d) 1

Q.4 If $x = at^2$, y = 2at, then $\frac{d^2y}{dx^2} =$

a) $-\frac{1}{2at^3}$ b) $-\frac{1}{2at^2}$ c) $\frac{1}{t^2}$ d) $-\frac{2a}{t}$

Q.5 If A is a square matrix such that $A^2 = A$, then $(I-A)^3 + A$ is equal to

a) I b) 0 c) I-A d) I +A

Q.6 If the radius of a circle is increasing at the rate of 2 cm/ sec, then the area of the circle when its radius is 20 cm is increasing at the rate of

a) 80 ∏ m^2/sec b) 80 m^2/sec c) 80∏ cm^2 /sec d) 80 cm^2/sec

Q.7 Average speed of a boat if the speed of boat in still water is 10 km/hr and speed of stream is 5 km/hr

a) 8.5 km/hr b) 7.5 km/hr c) 7 km /hr d) 7.5 m/sec

Q.8 In what ratio must rice at ₹29.30 per kg be mixed with rice at ₹30.80 per kg so that mixture be worth ₹30 per kg?

a) 7:8 b) 8:7 c) 3:8 d) 8:3

Q.9 The solution set of $6 \leq -3(2x - 4) < 12, x \in R$ is

a) (0,1] b) [1,0) c) (0,1) d) [0,1]

Q.10 If A, B are skew-symmetric matrices and AB = BA, then AB matrix equal to

a) skew symmetric matrix b) unit matrix c) symmetric matrix d) zero matrix

Q.11 If A is a square matrix of order 3 with $|A| = 9$, then value of $|2adjA|$ is

a) 625 b) 648 c) 0 d) 728

Q.12 If $y = \sqrt{x + \sqrt{x + \sqrt{x + \_\_\_\_ + \infty}}}$, then $(2y–1)\frac{dy}{dx} =$

a) 2y + 1 b) 0 c) 1 d) $1 - y^2$

Q.13 If $\begin{vmatrix} 3x & 4 \\ 5 & x \end{vmatrix} = \begin{vmatrix} 4 & -3 \\ 5 & -2 \end{vmatrix}$, then x =

a) 3 only b) – 3 only c) 3 or – 3 d) 6 or – 6

Q.14 If $A = [a_{ij}]_{2\times2}$ where $a_{ij} = \begin{cases} 1 & ,if\ i \neq j \\ 0 & ,if\ i = j \end{cases}$ then A^2 is equal to

a) I b) A c) O d) None of these

Q.15 If x is a positive real number, then smallest value of $\frac{x^2+361}{x}$ is

a) 19 b) 48 c) 27 d) 38

Q.16 Pipes A and B can fill a tank in 4 hours and 5 hours respectively. Another pipe C can empty the full tank in 10 hours. If all three pipes are opened together then tank will be filled in

a) $1\frac{2}{7}$ hour b) $2\frac{6}{7}$ hour c) $3\frac{5}{7}$ hour d) $4\frac{6}{7}$ hour

Q.17 If B > A then which expression will have the highest values given that A and B are positive integers.

a) A – B b) A×B c) A + B d) can't say

Q.18 If $A = \begin{bmatrix} 1 & 2 & 2 \\ 2 & 1 & x \\ -2 & 2 & -1 \end{bmatrix}$ is a matrix satisfying $AA^1 = 9I_3$ then x is

a) 2 b) 0 c) -2 d) 1

Q.19 If $\begin{vmatrix} 2x + 5 & 3 \\ 5x + 2 & 9 \end{vmatrix} = 0$ then x is equal to

a) -13 b) 10 c) 3 d) 7

Q.20 If f(x) = log x, then derivative of f(log x) w.r.t.x is

a) $\frac{\log x}{x}$ b) $\frac{x}{\log x}$ c) x log x d) $\frac{1}{x \log x}$

Assertion/Reason-
Choose one of the correct options in the following questions
   a) **only conclusion I is true**
   b) **only conclusion II is true**
   c) **Either conclusion I or II is true**
   d) **Neither conclusion I nor II is true**
   e) **Both conclusion I and II are true**
Q.21   Statement:-
   $P>A=R>S=T; U>R=V\leq C; S>D\geq E$
   Conclusion I: – $E \leq C$
   Conclusion II: – $T > D$
These type of questions consist of two statements.
Statement I is called Assertion (A) and Statement II is called Reason (R). Read the given Statement carefully and choose the correct answer from the options given below:-
   a) Both the Statement are true and Statement II is the correct explanation of Statement I.
   b) Both the Statement are true and Statement II is not the correct explanation of Statement I.
   c) Statement I is true, Statement II is false.
   d) Statement I is false, Statement II is true.
Q.22   A pipe can fill a tank is 5 hours and another pipe can empty the full tank in 4 hours. Both the pipes are opened together.
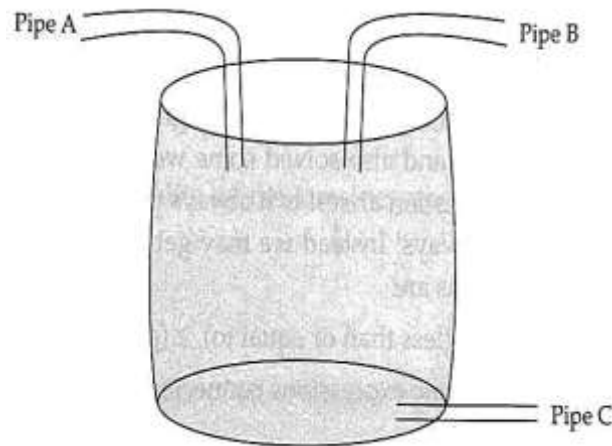   Statement I: Time taken to empty the tank is 20 hours.
   Statement II : If a pipe can fill a tank in x hours and another pipe can empty the full tank in y hours, $(y < x)$, then the time taken to empty the tank $= \dfrac{xy}{x-y}$

Case Study-
Q.23   A pipe is connected to a tank or cistern. It is used to fill or empty the cistern. The amount of work done by a pipe is a part of the tank filled or emptied in unit time.
   Three pipes A, B and C are connected to a tank. A and B fill the tank in 6 hours and 8 hours respectively when operated independently. Pipe C empty the full tank in 12 hours when opened alone.

   Based on the above information, answer the following questions:
   i)   If both pipes A and B are opened together, then the tank can be filled in.
      a) $4\frac{2}{3}$ hours   b) $3\frac{3}{7}$ hours   c) $3\frac{3}{4}$ hours   d) $2\frac{4}{5}$ hours
   ii) If pipes A and C are opened together, then the tank can be filled in
      a) 12 hours   b) 16 hours   c) 20 hours   d) 24 hours
   iii) If pipes B and C are opened together, then the tank can be filled in
      a) 12 hours   b) 16 hours   c) 20 hours   d) 24 hours
   iv) If all three pipes A, B and C are opened together, then the tank can be filled in
      a) 4.2 hours   b) 4.6 hours   c) 4.8 hours   d) 5 hours

Q.24 A trust invested some money in two type of bonds. The first bond pays 10% interest and second bond pays 12% interest. The trust received ₹2800 as interest. However, if trust had interchanged money in bonds, they would have got ₹100 less as interest.

Let the amount invested in first type and second type of bonds be ₹x and ₹y respectively.
Based on the above information, answer the following questions:

i) The equations in terms of x and y are
   a) $5x + 6y = 1,40,000$
      $6x + 5y = 1,35,000$
   b) $5x + 6y = 1,35,000$
      $6x + 5y = 1,40,000$
   c) $5x + 6y = 2800$
      $6x + 5y = 2700$
   d) $5x + 6y = 2700$
      $6x + 5y = 2800$

ii) Which of the following matrix equation represent the information given above?
   a) $\begin{bmatrix} 6 & 5 \\ 5 & 6 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 1,40,000 \\ 1,35,000 \end{bmatrix}$
   b) $\begin{bmatrix} 5 & 6 \\ 6 & 5 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 1,40,000 \\ 1,35,000 \end{bmatrix}$

   b) $\begin{bmatrix} 5 & 5 \\ 6 & 6 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 1,35,000 \\ 1,40,000 \end{bmatrix}$
   d) none of these

iii) If A $= \begin{bmatrix} 5 & 0 \\ 0 & 5 \end{bmatrix}$, then what A^3 ?
   a) $\begin{bmatrix} 5 & 0 \\ 0 & 5 \end{bmatrix}$
   b) $\begin{bmatrix} 25 & 0 \\ 0 & 25 \end{bmatrix}$
   c) $\begin{bmatrix} 125 & 0 \\ 0 & 125 \end{bmatrix}$
   d) $\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$

iv) The amount invested by trust in first and second bond respectively are-
   a) ₹10,000, ₹15,000
   b) ₹15,000, ₹10,000
   c) ₹5,000, ₹15,000
   d) ₹10,000, ₹10,000

Q.25 Find x, if
$$[x-5-1] \begin{bmatrix} 1 & 0 & 2 \\ 0 & 2 & 1 \\ 2 & 0 & 3 \end{bmatrix} \begin{bmatrix} x \\ 4 \\ 1 \end{bmatrix} = 0$$

Q.26 The length x of a rectangle is decreasing at the rate of 3 cm/min and width y is increasing at the rate of 2 cm/min when x = 10 cm and y = 6 cm, find the rate of change of
   i) the perimeter   ii) Area of rectangle

Q.27 Let $A = \begin{bmatrix} 2 & -1 \\ 3 & 4 \end{bmatrix}$, $B = \begin{bmatrix} 5 & 2 \\ 7 & 4 \end{bmatrix}$ and $C == \begin{bmatrix} 2 & 5 \\ 3 & 8 \end{bmatrix}$. Find a matrix D such that $CD - AB = O$

Q.28 If $y = \log(x+\sqrt{x^2 + 1})$, prove that $(x^2+1)\frac{d^2y}{dx^2} + x\frac{dy}{dx} = 0$

Q.29 A Manufacturer has 600 litres of 12% solution of acid. How many litres of 30% acid solution must be added to it so that acid content in the resulting mixture will be more than 15% but less than 18% acid?

Q.30 Using matrix method, solve the following system of equation:
   $3x + 2y - 2z = 3$
   $x + 2y + 3z = 6$
   $2x - y + z = 2$

Q.1 Sterlingenterprises is a partnership business with Ryan, Williams and Sania as partners engaged in production and sales of electrical items and equipment. Their capital contributions were Rs.50,00,000, Rs.50,00,000 and Rs.80,00,000 respectively with the profit the sharing ratio of 5:5:8. As they are now looking forward to expanding their business, it was decided that they would bring in sufficient cash to double their respective capitals. This was duly followed by Ryan and Williams but due to unavoidable reasons Sania could not do so and ultimately it was agreed that to bridge the shortfall in the required capital a new partner should be admitted who would bring in the amount that Sania could not bring and that the new partner would get share of profits equal to half of Sania's share which would be sacrificed by Sania only. Consequent to this agreement Ejaz was admitted and he brought in the required capital and Rs.30,00,000 as premium for goodwill. Based on the above information you are required to answer the following questions.

1. What will be the new profit-sharing ratio of Ryan, Williams, Sania and Ejaz?
   (a) 1:1:1:1   (b) 5:5:8:8   (c) 5:5:4:4   (d) None of the above
2. What is the amount of capital brought in by the new partner Ejaz?
   (a) Rs.50,00,000   (b) Rs.80,00,000   (c) Rs.40,00,000   (d) Rs.30,00,000
3. What is the value of the goodwill of the firm?
   (a)Rs.1,35,00,000   (b) Rs.30,00,000
   (c) Rs.1,50,00,000   (d) Cannot be determined from the given data.
4. What will be correct journal entry for distribution of Premium for Goodwill brought in by Ejaz?
   (i) Ejaz Capital A/c ……………..Dr. 30,00,000 To Sania's Capital A/c 30,00,00
   (ii) Premium for Goodwill A/c……Dr. 30,00,000 To Sania's Capital A/c 30,00,000 (Being………………..)
   (iii) Premium for Goodwill A/c……Dr 30,00,000 To Reyan's Capital A/c 8,33,333 To William's Capital A/c   8,33,333 To Ejaz's Capital A/c 13,33,333 (Being…………………………..)
   (iv) Premium for Goodwill A/c……Dr 30,00,000 To Reyan's Capital A/c 10,00,000 To William's Capital A/c   10,00,000 To Ejaz's Capital A/c 10,00,000 (Being…………………………..)
5. If goodwill already appeared in   ……………… then it should be written off in old partner old ratio.
   (A) Trading Account   (B) Balance Sheet   (C) Trial Balance   (D)Profit and loss a/c

Q.2 Parmav and Rahim are partner in profits and losses in the ratio of 3:2. Karan is admitted as a partner with 1/4th share in profits. Karan was unable to bring his share of goodwill premium in cash. The Journal entry recorded for goodwill premium is given below.

Particulars		
Kanan's Current A/c	Dr.	30,000
To Parmav's Capital Alc		20,000
To Rahim's Capital A/c		10,000
(Adjustment of goodwill made)		

New profit-sharing ratio of Parnav, Rahim and Karan will be
(a)2:1:1   (b) 3:3:2   (c) 4:5:3   (d) 26:19:15.

Q.3 Amit and Vidya are partners in a firm. They admit Sanjana as a partner with 1/4th share in the profits of the firm. Sanjana brings 2,00,000 as her share of capital. The value of the total assets of the firm is 5,40,000 and outside liabilities are valued at ₹ 1,00,000 on that date. Sanjana's share of goodwill is
(a) 60,000   (b) 50,000   (c) 30,000   (d) 40,000

Q.4 X and Y are partners sharing profits and losses in the ratio of 3:2. X's Capital is 3,00,000 and Y's Capital 1,50,000. They admitted Z and agreed to give 1/5th share of profit to him. How much Z should bring towards his capital?
(a) 90,000   (b) 1,20,000   (c) 1,45,000   (d) 1,12,500

Q.5 Which of the following statement is wrong in the context of admission of a partner?
(a) Increase in the valuation of asset will increase capital.
(b) Increase in the valuation of asset will decrease capital.
(c) Increase in the valuation of liability will decrease capital.

(d) Decrease in the valuation of liability will increase capital.

Q.6 Anubhav and Babita are partners in a firm sharing profits and losses in the ratio of 3:2. On April 1, 2015 they admit Deepak as a new partner for 3/13 share in the profits. Deepak contributed the following assets towards his capital and for his share of goodwill.

Land Rs. 90,000, Machinery Rs. 70,000 stock Rs. 60,000 and debtors Rs. 40,000. On the date of admission of Deepak, the goodwill of the firm was valued at Rs. 5,20,000, which is not appear in the books. Record necessaries journal entries in the books of the firm. Show your calculation clearly.

Journal

Q.7 Sheetal and Raman share profits equally. They admit Chiku into partnership. Chiku pays only Rs. 1,000 for premium out of his share of premium of Rs. 1,800 for ¼ share of profit. Goodwill Account appears in the books at Rs. 6,000. All partners have decided that goodwill should not appear in the books of the new fir, Journalise.

Journal

Q.8 A, B and C are partners sharing profits and losses in the ratio of 5:3:2. On 31st, March 2015 their Balance sheet was as follows :

Liabilities	(Rs.)	Assets	(Rs.)
Capital		Cash	18,000
A 36,000		Bill Receivable	14,000
B 44,000	1,32,000	Stock	44,000
C 52,000	64,000	Debtors	42,000
Creditors	32,000	Machinery	94,000
Bills Payable	14,000	Goodwill	20,000
General Reserve			
	2,32,000		2,32,000

1. They decided to admit D into the partnership on the following terms :
   (i) Machinery is to be depreciated by 15%.
   (ii) Stock is to be revalued at Rs. 48,000.
   (iii) Outstanding rent is Rs. 1,900.
   (iv) D is to bring Rs. 6,000 as goodwill and sufficient capital for a 2/5th share in the capitals of firm.
   Prepare Revaluation A/c, Partner's Capital A/cs of the new firm.

Q.9 Sahaj & Nimish are partners in a firm. They share profits & losses in ratio of 2:1 . Since both of them are specially abled sometimes they find it difficult to run a business so admitted Gauri a common **friend** decided to help them 'Therefore, they admitted her into partnership for 1/3 share. She brought her share of goodwill in cash & proportionate capital. At the time her admission Balance Sheet of Sahaj & Nimish was as under.

Liabilities	(Rs.)	Assets	(Rs.)
Capital A/c			1,20,000
Sahay 1,20,0000		Machinery	80,000
Nimish 80,000	2,00,000	Furniture	50,000
General Reserve	30,000	Stock	30,000
Creditors	30,000	Sundry Debtors	20,000
Employees Provident Fund	40,000	Cash	
	3,00,000		3,00,000

It was decided to :
(a) Reduce the value of stock by Rs. 5,000
(b) Depreciate furniture by 10% and appreciate machinery by 5%.
(c) Rs. 3,000 of the debtors proved bad. A provision of 5% was to be created on Sundry Debtors for doubtful debts.
(d) Goodwill of the firm was valued at Rs. 45,000
Prepare Revaluation Account, Partner's Capital Accounts and Balance Sheet of reconstituted firm.

Q.10 Radhika, Bani and Chitra were partners in a firm sharing profits and losses in the ratio of 2 : 3 : 1. With effect from 1st April, 2018 they decided to share future profits and losses in the ratio of 3 : 2 : 1. On that date their Balance Sheet showed a debit balance of ` 24,000 in Profit and Loss Account and a balance of ` 1,44,000 in General Reserve. It was also agreed that : (a) The goodwill of the firm be valued at ` 1,80,000. (b) The Land (having book value of ` 3,00,000) will be valued at ` 4,80,000. Pass the necessary journal entries for the above changes.

Q.11 At the time of admission of a new partner, the assets and liabilities were revalued. The following revaluations were made:

a. A Provision for Doubtful Debts @10% was made on Sundry Debtors (Sundry Debtors Rs.50,000).

b. Creditors were written back by Rs.5,000.

c. Building was appreciated by 20% (Book value of Building Rs.2,00,000).

d. Unrecorded Investments were worth Rs.15,000.

e. A Reserve of Rs.2,000 were made for an Outstanding Bill for repairs.

f. Unrecorded Liability towards suppliers was Rs.3,000.

g. Value of Stock and Machinery to be reduced by 10% (Book Value of: Stock Rs. 1,00,000; Machinery Rs.2,00,000).

Pass necessary Journal entries.

Q.12 Leena and Rohit are partners in a firm sharing profits in the ratio of 3 : 2. On 31st March, 2018, their Balance Sheet was as follows:

	₹	Assets			₹
Sundry Creditors	80,000	Cash		42,000	42,000
Bills Payable	38,000	Debtors	1,32,000		1,30,000
General Reserve	50,000	Less: Provision for Doubtful Debts	2,000	1,30,000	1,46,000
Capitals:	1,60,000				1,50,000
Leena	1,40,000	Stock		1,46,000	
Rohit		Plant and Machinery		1,50,000	
	4,68,000			4,68,000	4,68,000

On the above date Manoj was admitted as a new prtner for 1/5th share in the profits of the firm on the following terms:

i) Manoj brought proportionate capital. He also brought his share of goodwill premium of ₹ 80,000 in cash.

ii) 10% of the general reserve was to be transferred to provision for doubtful debts.

iii) Claim on account of workmen's compensation amounted to ₹ 40,000.

iv) Stock was overvalued by ₹ 16,000.

v) Leena, Rohit and Manoj will share future profits in the ratio 0f 5 : 3 : 2.

Prepare Revaluation Account, partner's Capital accounts and the Balance Sheet of the reconstituted firm.

Q.13 A,B ,C are partner sharing profit and losses in the ratio of 3:2:1.They admit D for 1/4th share in the profits and he bought in 1,50,000 as his share of good will which was credited to the capital a/c of Band C respectively with 1,25,000 and 25,000. Calculate the new profit sharing ratio.

Multiple choice Question

1. The government of India has recently come up with an amendment to section 6 of the payment of wages act 1936, to allow employees of certain industries to make payment through various electronic modes of payments. The amendment will be applicable to all the public sector enterprises for wages disbursement using e-payment options. This is another milestone in the direction to further push to cashless economy. Identify the dimension of business environment which relate to the above-mentioned case.

    (a) Political Environment   (b) Legal Environment
    (c) Technological Environment   (d) All of these

2. 'Beti Bacho Beti Padho Yojana' started by the government of India is a part of _____

    (a) Economic Environment   (b) Political Environment.
    (c) Social Environment   (d) Technological Environment

3. Read the following statement -Assertion {A} and Reason {R}. choose one of the correct alternatives given below :

    1. Assertion [A]: Totality of external forces is an important feature of the business environment.
       Reason [R]: Business environment is the sum total of all things external to business organizations and ,as such, is aggregative in nature.
       [a] Both Assertion [A] and reason [R] are true and Reason [R] is correct explanation of Assertion [A].
       [b] Both Assertion [A] and Reason [R] are true and Reason [R] is not the correct explanation of Assertion [A].
       [c] Assertion [A] is true but Reason [R] is false.
        [d] Assertion [A] is false but Reason [R] is true.

4. Which of the following is a feature of demonetization?
    (a) Tax administration measure
    (b) Channelizing savings into the formal financial system
    (c) Development of less-cash economy
    (d) All of the above

5. Identify the correct sequence of steps involved in the planning process.
    (a) Evaluating alternative courses, identifying alternative courses of action, setting objectives, Developing premises
    (b) Setting objectives, Identifying alternative courses of action, Evaluating alternative courses, Developing premises
    (c) Setting objectives, Developing premises, Identifying alternative courses of action, Evaluating alternative courses
    (d) Setting objectives, Developing premises, Identifying alternative courses of action, Evaluating alternative courses

6. "Plans decide the future course of action and managers may not be in a position to change it." Identify the limitation of planning indicated here.
    (a) Planning reduces creativity   (b) Planning does not guarantee success
    (c) Planning may not work in a dynamic environment   (d) Planning leads to rigidity.

7. Rahim wanted to start with a stationery app to help students of schools and colleges to provide stationery to them. He felt that students were not able to get the needed stationery easily and hence wanted to provide the stationery directly to students in the school. He listed out the various ways of setting up this business and finally selected the best way to set up this business by developing an app. Suggest what should be the next step for him:

(a) Developing premises
(b) Identifying the alternative course of action.
(c) Implementation of the plan
(d) Follow-up action.

8. Assertion (A): Monitoring the plan is equally important to ensure that objectives are achieved.
Reason(R): To see whether plans are being implemented and activities are performed according to schedule is also part of the planning process.

[a] Both Assertion [A] and reason [R] are true and Reason [R] is correct explanation of Assertion [A].

[b] Both Assertion [A] and Reason [R] are true and Reason [R] is not the correct explanation of Assertion [A].

[c] Assertion [A] is true but Reason [R] is false.

[d] Assertion [A] is false but Reason [R] is true.

Short Answer Type Question-I

1. If planning involves working out details for the future, why does it not ensure success?

2. An environmental conscious multinational company "AXN Ltd." follows certain well defined business principles that result in minimizing employee turnover. Following are some of the important environmental factors followed by 'AXN Ltd.'

    • Honour the law of every country in which it operates.
    • Respect the culture and customs of all nations.
    • Provide clean and safe products to enhance the quality of life throughout the world
    • Develop a culture in the company that enhances individual creativity and teamwork while honouring mutual trust and respect between management and labour.

From the above:

   i. identify and state any one general principle of management and any one dimension of the business environment.

   ii. Values being conveyed.

3. Planning reduces creativity. Critically comment.

4. 'Accent Electronics Ltd.' was operating its business in Malaysia. The company started exporting its products to India when the Prime Minister announced relaxation in import duties on electronic items. The company appointed retailers in India who had direct on-line links to the suppliers to replenish stocks when needed.
Identify and explain the dimensions of the business environment discussed in the above case.

5. In an attempt to cope with Reliance Jio's onslaught in 2018, market leader Bharti Airtel has refreshed its ₹ 149 prepaid plan to offer 2 GB of 3G/4G data per day, twice the amount it offered earlier. Name the type of plan highlighted in the given example. State its three dimensions also.

6. Enumerate the benefits of understanding the business environment.

Short Answer Type Question-II

1. With change in the consumption habits of people, Neelesh, who was running a sweets shop, shifted to the chocolate business. On the eve of Diwali he offered chocolates in attractive packages at reasonable prices. He anticipated huge demand and created a website chocolove.com for taking orders online. He got a lot of orders online and earned huge profit by selling chocolates.
Identify and explain the dimensions of business environment discussed in the above case.

2. Business environment or Environmental Scanning helps in the identification of threats and early warning signals." Explain?

3. What kind of strategic decisions are taken by business organisations?

4. In an attempt to cope with Reliance Jio's onslaught in 2018, market leader Bharti Airtel has refreshed its ` 149 prepaid plan to offer 2 GB of 3G/4G data per day, twice the amount it offered earlier. Name the type of plan highlighted in the given example. ? State its three dimensions also.

Long Answer Type Question

1. Two years ago Nishant, completed his degree in Textile Engineering. He worked for sometime in a company manufacturing readymade garments. He was not happy in the company and decided to have his own readymade garments manufacturing unit. He set the objectives and the targets and formulate action plan to achieve the same. One of his objectives was to earn 80% profit on the amount invested in the first year. It was decided that raw materials like cloth, thread, buttons etc, will be purchased on two months credit. He also decided to follow the steps required for marketing the products through his own outlets.

   He appointed Ritesh as a production manager, who decides the exact manner in which the production activities are to be carried out. Ritesh also prepared a statement showing the requirement of workers in the factory throughout the year. Nishant informed Ritesh about his sales target for different products area wise for the forthcoming quarter.

   A penalty of Rs. 200 per day was announced for the workers who found smoking in the factory premises.

   Quoting lines from the above para identify and explain the different types of plans discussed.

2. Briefly discuss the impact of government policy changes on the business and industry.

❶ MULTIPLE CHOICE QUESTIONS

1. Why is the Englishman's visit referred as unexplained mystery?
   (a) Because of his appearance
   (b) Because of his dress
   (c) Because of his hairstyle
   (d) Because of his unfamiliarity and baffled looks

2. How would you classify the tone used by the author in the chapter 'Poets and Pancakes'?
   (a) Sarcastic   (b) Humorous
   (c) Admonishing   (d) Ranting

❷ EXTRACT BASED QUESTIONS

1 Read the extract given below and answer the questions that follow.

Such a charitable and improvident man, and yet he had enemies! was it because the seemed so close and intimate with the boss? Or was it his general demeanour that resembled a sycophant's?

(i) Who is 'he' referred to here?
   (a) The narrator
   (b) The legal advisor
   (c) The No.2 boss Subbu
   (d) The owner of Studios S. Vasan

(ii) Why the narrator calls Subbu a very charitable and improvident man?
   (a) Subbu was of very loving nature
   (b) Spent a lot of in helping many people every day
   (c) Dozens of his acquaintances will eat at his place
   (d) All of the above

(iii) Which word in the extract, will mean the same as 'spend thrift'?
   (a) Charitable   (b) Happy
   (c) Improvident   (d) Intimate

Who did not like Kothamangalam Subbu in his office?

Do you think that the narrator is mocking Subbu?

Why do you think Subbu had enemies?

Read the extract given below and choose the correct option.

Some one called the group an international circus. They weren't very good on the trapeze and their acquaintance with animals was only at the dinner table, but they presented two plays in a most professional manner.

(i) Which 'group' is mentioned here?
   (a) Some staff of Gemini Studios
   (b) Moral Re-Armament Army of Frank Buchman
   (c) Stephen Spender and his colleagues
   (d) Group of writers at Gemini Studio

(ii) What word will mean the antonym of the word 'stranger' in this extract?

(iii) How did Gemini Studio welcome this group?
   (a) Very warmly   (b) Very angrily
   (c) Very indifferently   (d) None of these

(iv) What did this group present in Gemini Studios?
   (a) Dance drama   (b) Two plays
   (c) An exhibition   (d) A road show

(v) Complete the sentence with appropriate explanation, as per the extract.
   The group was called an international circus because _____.

(vi) Name the plays presented by the group.

❸ SHORT ANSWER TYPE QUESTIONS

Answer the following questions in 40-50 words.

1 What two activities of Robert Clive in Madras are mentioned in the chapter?

2 How was the make-up department nationally integrated?

3 How was film-making easy with Subbu around?

4 Outline briefly the character of the young actress who 'blew over' on the sets.

5 Why were the poets averse to Communism?

6 Why does the author say about the Moral Rearmament Army that the Boss 'played into their hands'?

❹ LONG ANSWER TYPE QUESTIONS

Answer the following questions in 120-150 words.

1 Describe the Moral Re-Armament Army's visit to Gemini Studios.

2 Asokamitran has used humour and satire effectively in 'Poets and Pancakes'. Discuss.

⊙ MULTIPLE CHOICE QUESTIONS

1 *How the writer has proved the futility of king's desire?*

    (a) By showing him a victim of a toy tiger   (b) By showing him as a powerful king

    (c) By making him kill 99 tigers   (d) All of the above

2 *What shows the false ego of the Tiger King?*

    (a) His orders from time to time.

    (b) His desire to marry.

    (c) His killing of tigers and showing no concern towards nature.

    (d) All of the above

⊙ EXTRACT BASED QUESTION

Read the extract given below and answer the following questions.

1. He wished to give him some special gift on his birthday. He went to the shopping centre in Pratibandpuram and searched every shop, but couldn't find anything suitable. Finally, he spotted a wooden tiger in a toyshop and decided it was the perfect gift.

    (i) For whom the gift was bought?

        (a) Dewan's son   (b) King's son

        (c) British officer's son   (d) None of these

    (ii) The wooden tiger cost's about

        (a) One annas   (b) Two annas

        (c) Five annas   (d) Ten annas

    (iii) Why Tiger King wished to give a special gift?

    (iv) Why did the Tiger King consider a toy tiger as the perfect gift?

⊙ SHORT ANSWER TYPE QUESTIONS

Answer the following questions in 40-50 words.

1 *What was the prophecy made at the Tiger King's birth?*

2 *What anecdote is related to the Tiger King's birth?*

3 *Was the Maharaja's bid to save his kingdom successful? How?*

4 *What was the real purpose of the Maharaja's marriage?*

5 *How did the Tiger King celebrate his victory over the killing of the hundredth tiger?*

6 *What is the significance of the toy-tiger in the story?*

7 *Describe the upbringing of the royal infant.*

8 *What did the state astrologer say when the king killed his first tiger?*

9 *Why did the Maharaja's hunter shoot the hundredth tiger?*

⊙ LONG ANSWER TYPE QUESTIONS

Answer the following questions in 120-150 words.

1 *What actions taken by the Maharaja to escape the prophecy show his desperation?*

2 *Attempt a character sketch of the Tiger King.*

3 *"Even though the Maharaja lost ₹ 3 lakh, he was still happy". Justify the statement.*

© MULTIPLE CHOICE QUESTIONS

1 Which of the following statement is correct about Mr. Lamb?

(a) He had a tin leg.

(b) He didn't face any comments due to his physical deformity.

(c) He never minds when children teased him.

(d) Both ((a) and (c)

2 Why did Derry always want to be alone?

(a) Because of his burnt face

(b) Because he couldn't bear people's comments

(c) Because he likes it

(d) Both (a) and (b)

3 Friendship between Mr. Lamb and Derry was fruitful because

(a) Mr. Lamb's mature experiences and words helped Derry to have a positive outlook.

(b) maturity level was same.

(c) they were caring.

(d) he gave him fruits to eat.

© EXTRACT BASED QUESTION

Read the extract given below and answer the questions that follow.

1 It's got nothing to do with my face and what I look like. I don't care about that and it isn't important. It's what I think and feel and what I want to see and find out and hear. And I'm going back there.

(i) Derry is willing to go to _____

(a) garden

(b) school

(c) Mr. Lamb's house

(d) friend's house

(ii) Derry has transformed himself as .... person.

(a) positive

(b) confident

(c) introvert

(d) straightforward

(iii) What was the reason due to which Derry want to return back to that place?

(iv) What does Derry see when he returns to the garden?

© SHORT ANSWER TYPE QUESTIONS

Answer the following questions in 40-50 words.

1 Why did Derry enter Mr. Lamb's garden?

2 Was Mr. Lamb bothered by Derry's face?

3 Why did the children call Mr. Lamb 'Lamey-Lamb'? Did it upset him?

4 What does Mr. Lamb grow in his garden?

5 Why does Mr. Lamb say that names are not important?

6 Did Derry consider Mr. Lamb his friend? Why/Why not?

7 What did Derry call 'cruel'?

8 Why is the gate of Mr. Lamb's garden always open?

9 How does Derry's mother talk about Mr. Lamb?

10 Why did Derry say, "People are afraid of me"?

11 How did Derry get his face burnt?

12 Explain the moral of the play 'On the Face of It'.

© LONG ANSWER TYPE QUESTIONS

Answer the following questions in 120-150 words.

1 Is Mr. Lamb able to give a new life to Derry? How?

2 Do you think the tragic end to Mr. Lamb's life will affect Derry in some way?

3 "I am interested in anybody, anything. There is nothing that God made that doesn't interest me". Explain the statement in reference to Mr. Lamb's character.