

ST. PBN PUBLIC SCHOOL, GURUGRAM
UNIT TEST-I
SAMPLE PAPER
CLASS – XII
SUBJECT – ENGLISH

TIME – 2 HRS

MM. 50

GENERAL INSTRUCTIONS:

1. All questions are compulsory.

2. Your answer should be to the point, and strictly adhere to the prescribed word limit.(10)

1. An ecosystem is a community of organisms that live and interact within a particular environment. In an aquatic ecosystem, that environment is water and all the system's plants and animals live either in or on that water. The specific setting and type of water, such as a freshwater lake or saltwater marsh, determines which animals and plants live there. Marine, or ocean, systems cover about 70 per cent of the Earth's surface and are identified by the presence of dissolved salts in the water. The level of salinity averages about 35 parts per thousand g of water, but it can vary in response to climate or a nearby source of freshwater. Marine organisms must adapt to either a constantly changing or stable level of salt content and cannot move successfully from one to the other. saltwater ecosystems range from the abundant life of coastal areas to the nearly barren ocean bottom. In marine habitats, the food chain begins with plankton, micro-organisms that require sunlight for energy and growth, so systems closest to the surface or in relatively shallow water support more life. These include estuaries, salt marshes, coral reefs and other tropical habitats, and intertidal areas such as lagoons and kelp beds.

2. Animal life in marine ecosystems ranges from microscopic zooplankton though fish of all sizes to marine mammals, including seals, whales and manatees. Freshwater-water that is either drinkable or has little or no salt content-supports its own aquatic ecosystems. These include river and streams, lakes and ponds, wetlands and even groundwater. Each of these systems is unique and even within categories, any specific habitat is affected by altitude/temperature and humidity. for instance, a plant native to warm shallow lake in the tropics could not survive on the steep banks of a cold, fast-moving mountain stream. Freshwater ecosystems provide homes for a wide variety of animal life including insects, amphibians and fish. One estimate of fish species puts the number that lives in freshwater at 40 per cent of the Earth's total. Worms, molluscs, algae and bacteria all live in freshwater systems, as do innumerable varieties of plants.

In addition, animals such as birds otters and bears use freshwater ecosystems as a food source.

Based on your understanding of the passage, answer the questions given below.

i. Which of the following statement is True according to the passage?

- (a) 70 per cent of the Earth's surface is covered in oceans
- (b) 70 per cent of the Earth's surface are marine bodies only
- (c) 70 per cent of the Earth's surface is solid landmass
- (d) 70 per cent of the Earth's surface form the entire aquatic system

ii. Select the option that best captures the central idea of the passage from the given quotes.

- (a) There is a deep interconnectedness of all life on earth, from the tiniest organisms, to the largest ecosystems, and absolutely between each person.” - Bryant McGill
- (b) “Where there is a smoke, there is an ecologist.” - Ljupka Cvetanova
- (c) “When we reconnect with nature, we will be restore ourselves.” - Lailah Gifty Akita
- (d) “We can only predict the future ecological changes, by emergence of the past into the present.” -Lailah Gifty Akita

iii. Select the option that corresponds to the following relation below:

Saltwater ecosystems range from the abundant life of coastal area to the nearly barren ocean bottom.

- (a) In the season of spring, plenty of fl owers grow while in the season of autumn, the leaves wither and fall making it a barren season for the growth of plant.
- (b) The distinct is the most barren and backward portion of the province.
- (c) The room was austere, nearly barren of furniture and decoration.
- (d) This zone has an abundant rainfall, dense forests and a fertile soil.

iv. Complete the following with a phrase from paragraph 1:

Opinion	Reason
_____	An ecosystem that lives and interacts within a particular environment.

v. The writer uses two contrasting words in the line:

Marine organisms must adopt to either a constantly changing or stable level of salt content. (Paragraph 1)

State one point of difference between constantly changing and stable.

vi. Based on your reading of the text, list 2 reasons why the writer says that: Shallow water relatively support more aquatic life.

1. _____

2. _____

vii. The writer says, “Freshwater supports its own aquatic ecosystems”.

Select the reason that appropriately justifies the statement.

(a) Freshwater has little or no salt content.

(b) Freshwater provides oxygen to support the growth of aquatic ecosystem.

(c) It help to prevent erosion.

(d) It provides natural protection from flooding.

viii. Micro-organisms in the saltwater ecosystem grow in shallow water or near the surface because:

(a) the content of salt is low

(b) they get sunlight to grow

(c) they cannot breathe in deep water

(d) Both (a) and (b)

ix. Supply 1 point to justify the following:

Micro-organisms in the saltwater ecosystem grow in shallow water or near the surface.

x. State whether the following statement is True or False :

Saltwater ecosystems range from the abundant life of coastal areas to the nearly barren ocean bottom.

Q2. You are the President of RWA Sector-17 Gurugram , the election of the office bearers of the association will be held on 28th June 2019 at community centre. Draft a notice inviting all members to take part in the election, secretary and treasurer and other posts for a new 3 year term. words limit 50. (5M)

Q3. As Mukul / Mahima of Alps Public School, write a speech to be delivered in school assembly highlighting the importance of cleanliness suggesting that the state of cleanliness reflects the character of its citizens. (150-200 words) 10 M

Q4. Read the extract given below and answer the questions that follow: (1x5=5M)

But after the airports
security check, standing a few yards
away, I looked again at her, wan, pale
as a winters moon and felt that old
familiar ache, my childhoods fear,

but all I said was see you soon,

Amma,

1. Why did the poet compare her mother's face to a late winter's moon?
2. Name the poetic device in the above passage.
3. Name the Poem and the Poet.
4. Why does the poet say 'see you soon Amma?'
5. What was poet's childhood fear?

Q5. Read the passage given below and answer the questions that follow: (1x5=5M)

Tiny vestiges of the old terror would return. But now I could frown and say to that terror, "Trying to scare me, eh? Well, here's to you! Look!" And off I'd go for another length of the pool. This went on until July. But I was still not satisfied.

I was not sure that all the terror had left. So, I went to Lake Wentworth in New Hampshire, dived off a dock at Triggs Island, and swam two miles across the lake to Stamp Act Island. I swam the crawl, breast stroke, side stroke, and back stroke. Only once did the terror return. When I was in the middle of the lake, I put my face under and saw nothing but bottomless water. The old sensation returned in miniature.

1. Why did Douglas go to swim at Lake Wentworth?
2. What was the reason for the 'return' of terror?
3. Douglas mentions that the old sensation returned in miniature. What does he mean?
4. How did Douglas handle the 'old sensation'?
5. Name the chapter of the above extract and the writer.

Q6. Answer the following questions in 30 – 40 words. (Any Five) (2x5=10m)

1. What did Franz find much more tempting than the rule of participles? What did Franz do?
2. How is Mukesh's attitude to his situation different from that of his family?
3. How did the instructor make a swimmer out of Douglas?
4. Do you think that the third level was a medium of escape for Charley? Why?
5. What is the situation of the slum children? How can it be improved?
6. What picture of the slum children is depicted in the poem?

Q7. Answer the following question in 100 – 120 words. (5x1=5m)

'Garbage to them is gold'. How do rag pickers of Seemapuri survive? Explain.

OR

Roosevelt said "All we have to fear is fear". Do you agree? Take evidence from Deep Water and express your views in 100 – 125 words.

St. PBN PUBLIC SCHOOL, GURUGRAM
UNIT TEST-I
CLASS- XII
SUBJECT- ACCOUNTANCY
SAMPLE PAPER

Time: 2Hrs

MM: 50

GENERAL INSTRUCTIONS:

- Answer all questions. Internal choice is given in some questions.
- All parts of the questions should be attempted at one place.
- Each question carries marks indicated against it.

1. State whether the statements is True or False: (1)
Old Ratio-Sacrificing Ratio= New Ratio
2. A and B are partners sharing profit or loss in the ratio 4 : 1. A surrenders $\frac{1}{4}$ of his share and B surrenders $\frac{1}{2}$ of his share in favour of C, a new partner. What will be the C's share?
(a) $\frac{3}{4}$ (b) $\frac{1}{5}$
(c) $\frac{1}{10}$ (d) $\frac{3}{10}$ (1)
3. Interest on Drawings under the Fixed Capital Account method is debited to _____ A/c. (1)
4. How does the factor 'favourable location of the business' affect the goodwill of a firm?
OR (1)
State any one purpose for admitting a new partner in a firm.
5. A, B and C are partners sharing profit or loss in the ratio of 2 : 3 : 4. A retires and after A's retirement B and C agreed to share profit of loss in the ratio of 3 : 4 in future. Their gaining ratio will be:
(a) 2 : 3 (b) 4 : 3
(c) 3 : 4 (d) 1 : 1 (1)
6. **Assertion (A):** A partnership firm can have maximum 50 partners.
Reasoning (R): Maximum limit of partners is prescribed in Partnership Act, 1932. (1)
(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) Only A is correct.
(d) Both A and R are wrong.
7. When a new partner does not bring his share of goodwill in cash, the amount is debited to:

- (a) Cash A/c (b) Capital A/cs of the old partners
 (c) Current A/c of the new partner (d) Premium A/c (1)

8. State whether the statements is True or False: (1)
 Normal Profit – Actual Profit= Super Profit.

9. Match the following :- (1)

Column A

Column B

- | | |
|----------------------------------|-----------------------|
| i. Profit or Loss on Revaluation | (a) Loss |
| ii. Retirement of a Partner | (b) Sacrificing Ratio |
| iii. Increase in Liabilities | (c) Old Ratio |
| iv. Admission of a Partner | (d) Gaining Ratio |

10. In the absence of Partnership Deed, the interest is allowed on partner’s capital:
 (a) @ 5% p.a. (b) @ 6% p.a.
 (c) @ 12% p.a. (d) No interest is allowed (1)

11. On the admission of a new partner:
 (a) Old firm is dissolved.
 (b) Old partnership is dissolved.
 (c) Both old partnership and firm are dissolved.
 (d) Neither partnership nor firm is dissolved. (1)

12. Excess of credit side over debit side in Revaluation Account is called_____.

OR (1)

Any change in the relationship of existing partners which results in an end of the existing agreement and enforces making of a new agreement is called
 (a) Revaluation of partnership. (b) Reconstitution of partnership.
 (c) Realization of partnership. (d) None of the above.

13. P, Q, and R are partners sharing profits and losses in the ratio of 5:3:2. From 1st April, 2021, they decide to share profits and losses in equal proportions. The partnership deed provides that in the event of any change in profit sharing ratio, the goodwill should be valued at three year’s purchase of the average of five year’s profits. The profits and losses of the preceding five years ending 31st March are:

Profits: 2017: Rs. 60,000, 2018: Rs. 1,50,000, 2019: Rs. 1,70,000, 2020: Rs. 1,90,000.

Loss: 2021: Rs. 70,000.

Give the necessary journal entry to record the above change.

OR (3)

X, Y and Z are partners sharing profits in the ratio of 2:3:5. Goodwill is appearing in their books at a value of Rs. 6,00,000. X retires and on the day of X’s retirement Goodwill is valued at Rs. 4,50,000. Y and Z decided to share future profits equally. Pass the necessary Journal entries.

14. A and B are partners sharing profits and losses equally with capitals of Rs. 3,00,000 and Rs. 2,00,000 respectively. Their drawings during the year ending on 31st March, 2021 are as follows:

		Rs.
A's drawings on	30-06-2020	20,000
	31-07-2020	10,000
	01-10-2020	10,000
	01-03-2021	16,000

B drew Rs. 6,000 at the end of each month. Calculate interest on drawings @ 10% p.a.
(3)

15. B and C were partners in a firm sharing profits and losses in the ratio of 4:3. They admitted D as a new partner for 1/4th share in the profits which he acquired from B and C in 3: 4 ratio. D brought Rs. 1,80,000 for his capital and Rs. 42,000 for his 1/4th share in goodwill. Calculate new profit ratio of B, C and D and pass necessary journal entries for the above transactions on D's admission in the books of the firm.
(3)

16. On 1-4-2021, Jay and Vijay entered into partnership for supplying laboratory equipments to government schools situated in remote and backward areas. They contributed capitals of Rs. 80,000 and Rs. 50,000 respectively and agreed to share the profits in the ratio of 3 : 2. The partnership deed provided that interest on capital shall be allowed at 9% per annum. During the year the firm earned a profit of Rs. 7,800.

Showing your calculations clearly, prepare 'Profit and Loss Appropriation Account' of Jay and Vijay for the year ended 31-3-2022.
(3)

17. On 1st April, 2022, a firm had assets of Rs 1,00,000 excluding stock of Rs. 20,000. Partners' Capital Accounts showed a balance of Rs. 60,000. The current liabilities were Rs.10,000 and the balance constituted the reserve. If the normal rate of return is 8%, the 'Goodwill' of the firm is valued at Rs. 60,000 at 4 year's purchase of super profit, find the average profit of the firm.
(4)

18. X and Y are partners in a firm. X was to get a commission of 10% on the net profits before charging any commission. However, Y was to get a commission of 10% on the net profits after charging all commissions. Fill in the missing figures in the following Profit and Loss Appropriation Account for the year ended 31st March 2020:

Profit And Loss Appropriation Account

Dr. For the year ended 31st March, 20120 Cr.

Particulars	Rs.	Particulars	Rs.
To X's Commission (Rs.....× 10/100)	1,65,000	By Profit & Loss A/c
To Y's Commission		
To Profit transferred to Capital A/Cs:			
X			

Y		
	

OR

(4)

A, B, C and D are partners in a firm sharing profits in the ratio of 3:3:2:2 respectively. D retires and A, B and C decide to share the future profits in the ratio of 3:2:1. Goodwill of the firm is valued at Rs.6,00,000. Goodwill already appears in the books at Rs.4,50,000. The profits for the first year after D's retirement amount to Rs.12,00,000.

Give the necessary journal entries to record Goodwill and to distribute the profits. Show your calculations clearly.

19. A, B and C were partners in a firm. Their capitals were A Rs. 1,00,000, B Rs. 2,00,000 and C Rs. 3,00,000 respectively on 1st April, 2021. According to the partnership deed they were entitled to an interest on capital @ 5% p.a. In addition A was also entitled to draw a salary of Rs. 5,000 per month. C was entitled to a commission of 5% on the profits after charging the interest on capital but before charging the salary payable to A. The net profits for the year ending 31st March, 2022 were Rs. 3,60,000 distributed in the ratio of their capitals without providing for any of the above adjustments. The profits were to be shared in the ratio 2 : 3 : 5. Pass the necessary adjustment entry showing the workings clearly. (6)

20. Read the following hypothetical Case Study and answer the given questions: (6)

A, B and C are partners sharing profits in 3 : 2: 1. They admitted D as a new partner. On this date following balances have been extracted from their books:

	Rs.
A's Capital	5,00,000
B's Capital	3,00,000
C's Capital	2,00,000
Building	6,00,000
Workmen Compensation Reserve	70,000
Bills Receivables	50,000

D was given 1/6th share of profits which he acquires from A and B in the ratio of 2 : 1. It was further agreed that :

- Goodwill of the firm is valued at Rs. 3,60,000. D brings half of his share of goodwill in Cash.
- Building is undervalued by 20%.
- There is an unrecorded asset of Rs. 60,000.
- Liability for workmen Compensation claim is estimated at Rs. 1,00,000.
- A bill of exchange of Rs. 20,000 which was previously discounted with the bank had dishonoured but no entry has been passed for dishonour.

Based on the above information you are required to answer the following questions:

- What will be the gain on revaluation?

- (ii) What will be the new profit sharing ratio?
 (iii) Pass the journal entry for the distribution of goodwill at the time of admission of a partner.
 (iv) What will be the balance of A's Capital?

21. Vinod and Krishna are partners in a firm sharing profits in the ratio of 3:2. Their Balance Sheet as at 31st March, 2022 stood as:

Liabilities	Rs.	Assets	Rs.
Capitals:		Machinery	66,000
Vinod 70,000		Furniture	30,000
Krishna <u>60,000</u>	1,30,000	Investment	40,000
General Reserve	20,000	Stock	46,000
Bank Loan	18,000	Debtors 38,000	
Creditors	72,000	Less: Prov. <u>4,000</u>	34,000
		Cash in hand	24,000
	2,40,000		2,40,000

On that date, they admitted Vimanyu into partnership for 1/4th share in the profits on the following terms:

- (i) Vimanyu brings in capital proportionate to his share. He brings Rs.8,000 for goodwill out of his share of Rs. 14,000.
 (ii) Depreciate Furniture by 10%.
 (iii) Half of the investments were to be taken over by Vinod and Krishna in their profit sharing ratio and remaining valued at Rs. 26,000.
 (iv) Partners have decided to share future profits in the ratio of 3:3:2.

Prepare Revaluation Account and Partner's Capital Accounts of new firm.

OR (6)

L, M and N were partners in a firm sharing profits in the ratio of 2 : 1 : 1. On 1st April, 2013, their Balance Sheet was as follows:

BALANCE SHEET
As at 31st March, 2013

Liabilities	Rs.	Assets	Rs.
Capital A/cs:		Land	8,00,000
L 6,00,000		Building	6,00,000
M 4,80,000		Furniture	2,40,000
N <u>4,80,000</u>	15,60,000	Debtors 4,00,000	
General Reserve	4,40,000	Less: Prov. <u>20,000</u>	3,80,000
Workmen Compensation Fund	3,60,000	Stock	4,40,000
Creditors	2,40,000	Cash	1,40,000
	<u>26,00,000</u>		<u>26,00,000</u>

On the above date N retired. The following was agreed:

- (i) Goodwill of the firm was valued at Rs.6,00,000
- (ii) Land was to be appreciated by 40% and building was to be depreciated by Rs. 1,00,000.
- (iii) Furniture was to be depreciated by Rs. 30,000
- (iv) The liabilities for Workmen's Compensation fund were determined at Rs. 1,60,000
- (v) Amount payable to N was transferred to his Loan Account.
- (vi) Capital of L and M were to be adjusted in their new profit-sharing ratio and for this purpose Current Account of the partners will be opened.

Prepare Revaluation Account and Partners' Capital Accounts of the new firm.

ST. PBN PUBLIC SCHOOL, GURUGRAM
UNIT TEST-I
SAMPLE PAPER
CLASS – XII
SUBJECT – BUSINESS STUDIES

Class – XII

NAME: _____

DATE: _____

Time: 2 hours

M.M. : 50

General Instructions:

1. This Question Paper contains 19 Questions.
2. This Question Paper contains 10 Questions of 1 Mark each.
3. This Question Paper contains Short Answer Type I Questions carrying 3 Marks each to be answered in 60 to 80 words.
4. This Question Paper contains Short Answer Type II Questions carrying 4 Marks each to be answered in 80 to 100 words.
5. This Question Paper contains Long Answer Type Questions carrying 6 Marks each to be answered in 100 to 150 words.
6. Attempt all parts of the Questions together.
7. There is no overall choice. However, an internal choice is provided in few Questions.

Q1. A good manager synchronizes all the activities of different departments through 1

- a) Supervision b) Planning
c) Coordination d) Staffing

Q2. Espirit De Corps means _____ 1

- a) Scalar Chain b) Unity
c) Gang Plank d) Order

Q3. Several initiatives have been undertaken by the Government of India to encourage domestic manufacturing and export of defence equipments. Make in India in defence, was one such scheme launched by the Government to encourage companies across the world to manufacture defence products in India. To which dimension of business environment does the above case relate to? 1

- Economic Environment b) Legal Environment
c) Political Environment d) Social Environment

Q4. Which principle of management is being represented in the picture below. 1



Q5. Several initiatives have been undertaken by the Government of India to encourage domestic manufacturing and export of defence equipments. Make in India in defence, was one such 1

scheme launched by the Government to encourage companies across the world to manufacture defence products in India. To which dimension of business environment does the above case relate to?

- Economic Environment
c) Political Environment

- b) Legal Environment
d) Social Environment

Q6. Match the following

1

Column A	Column B
i) optimal procurement as well as usage of finance	a) Financing Decision
ii) Decisions that determine the overall cost of capital and the financial risk of the enterprise	b) Capital Structure decision
iii) A financial blueprint of an organisation's future operations	c) Financial Management
iv) decisions affect both profitability and financial risk	d) Financial Planning

i) a),ii)b),iii)c),iv)d)

b) i)b) ii)a), iii)d) , iv)c)

c) i)c),ii)a),iii)d),iv)b)

d) i)d), ii)c), iii)b), iv)a)

Q7. Rishitosh Mukerjee has joined AMV Ltd , a company manufacturing refrigerators. He found that his department was under staffed and other departments were not cooperating with his department for smooth functioning of the organization . Therefore , he ensured that his department has the required number of employees and its cooperation with other departments is improved.

Identify the level at which Rishitosh Mukerjee was working.

1

Q8. A has started a business to sell computers. He hired a shop to assemble various components to make computers and supplies them as per order. He performs a series of composite but separate functions simultaneously and ensures that computers are delivered in time as per orders. These functions are performed by all managers at all times. The feature of management highlighted is :

a) Management is a continuous process

b) Management is pervasive

c) Management is dynamic

d) Management is a group activity

Q9. Define Financial Leverage .

1

Q10. Statement 1 : The cost of Equity is lower than the cost of debt.

1

Statement 2 : The amount of interest paid on debt is treated as a tax deductible expense for calculation of tax liability.

a) Both Statements are true .

Both Statements are false.

Statement 1 is true and Statement 2 is false.

Statement 2 is true and Statement 1 is false.

Q11. Explain the principles of Scientific Management formulated by Taylor .

3

OR

Explain the techniques of Scientific Management with examples .

Q12. Explain Scalar Chain and Gang Plank with an example

3

Q13. Neeraj is selected for the post of software developer in an IT Company . On the

4

first day of his joining Mehul , his project manager tells Neeraj that during the course of his work , he will come across many such opportunities which may tempt him to misuse his powers for individual or family's benefit at the cost of larger general interest of the company. In such situations, he should rather exhibit exemplary behavior as it will raise his stature in the eyes of the company . Also , for interacting with anyone

in the company on official matters , he should adopt the formal chain of authority and communication.

Identify and explain the various principles of management that Mehul is advising Neeraj to follow while doing his job.

Q14. Explain functional foremanship in a factory environment. 4

OR

Explain the dimensions of business environment.

Q15. Explain any four points to explain the importance of financial management. 4

OR

Distinguish between Financial Management and Financial Planning.

Q16. Rajat joined as a CEO of Bharat Ltd. , a firm manufacturing computer hardware. 4

on the first day he addressed his employees . He said that he believed that a good Company should have an employee suggestion system and he wished to minimize employee turnover to maintain organizational efficiency. He informed all employees that he would ensure that all agreements were clear, fair and there was judicious application of penalties . However, he said that he believed that lazy personnel should be dealt with sternly to send the message that everyone was equal in the eyes of management. Also that he would want to promote a team spirit of unity and harmony among employees which would give rise to a spirit of mutual trust and belongingness among team members and eventually minimize need for using penalties. He told all present that the interests of the organization should take priority over the interests of any one individual employee.

Identify and explain the principles of management highlighted in the above case.

Q17. G Motors is the manufacturer of sophisticated cranes. The production manager 6
of the company reported to the CEO Ashish Jain that one of the machines used in cranes had to be replaced to compete in the market as other competitors were using automatic machines for manufacturing cranes. After a detailed analysis , it was decided to purchase a new automatic machine having latest technology. It was also decided to finance this machine through long term sources of finance. Ashish Jain compared various machines and decided to invest in the machine which would yield the maximum returns to the investors.

a) Identify the Financial Decision taken by Ashish Jain.

b) Explain any three factors affecting the decision identified in a) above.

Q18. Well Being Ltd is a company engaged in production of organic foods .It sells its 6
products through indirect channels of distribution. Considering the surge in demand for organic products , the company is now inclined to start its online portal for direct marketing. The financial managers of the company are planning to use debt in order to take advantage of trading on equity. In order to finance its expansion plans , it is planning to raise a debt capital of ₹40 lakhs through a loan @10% from an industrial bank . The present capital base of the company comprises of ₹9 lakh equity shares of ₹10 each .The tax rate is 30%.

a) What are the two conditions necessary for taking advantage of trading on equity?

b) Assuming the expected rate of return on investment to be same as it was for the current year i.e. 15%, do you think the financial managers will be able to meet their goal. Show your workings.

Q19.Distinguish between : 6

i) Fatigue Study and Time Study

ii) Unity of Command and Unity of Direction

iii) Centralisation and Decentralisation

ST PBN PUBLIC SCHOOL
SAMPLE PAPER UT - I (2024-25)
ECONOMICS(030)
Class – XII

NAME: _____

DATE: _____

Time: 2 hours

M.M. : 50

General Instructions:

1. This Question Paper contains **19** Questions.
2. This Question Paper contains 10 Questions of 1 Mark each.
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SECTION A – MACRO ECONOMICS

- Q1. Supply of money refers to : 1
a) Currency held by the public
b) Currency held by RBI
c) Currency held by Public and demand deposits with commercial banks
d) Currency held in the government account
- Q2. When Real GDP is ₹520 crores and Nominal GDP is ₹650 crores , calculate Price Index. 1
- Q3. Define Nominal Flow . 1
- Q4. Statement 1 : Money Flow involves flow of Money between firms and households 1
Statement 2 : Money Flow is also known as Physical Flow
a) Both Statements are true
b) Both Statements are false
c) Statement 1 is true and Statement 2 is false
d) Statement 2 is true and Statement 1 is false
- Q5. Repo Rate is applicable to _____ lending , while Bank Rate is applicable to _____ . 1
- Q6. Distinguish between Stock and Flow Variables. 3
- Q7. Explain all the functions of RBI in an Economy. 4
- Q8. Calculate National Income 4

	₹ crore
GDP at MP	4,800
Indirect Taxes	300
Net Factor Income from Abroad	80

- Consumption of fixed capital 200
Subsidies 60
- Q9. Explain the quantitative and Qualitative measures for control of credit by RBI. 6
- Q10. Explain the process of creation of credit with a numerical example. 6

SECTION B INDIAN ECONOMIC DEVELOPMENT

- Q11. Which of the following statements is true about occupational structure of the Indian Economy during British Rule ? 1
a) The occupational structure was stagnant
b) The occupational structure was underdeveloped
c) The occupational structure was developed
d) The occupational structure was stagnant and underdeveloped

- Q12. The main reason for decline of handicrafts is 1
a)Tarriff Policy followed by British
b)Competition from man made machines
c)New patterns of demand for handicrafts
d)All of the above
- Q13.In which year was population of India calculated first time 1
a)1881
b)1891
c)1871
d)None of the above
- Q14. What was the objective of Import Substitution Policy in India. 1
- Q15. _____ is known as the architect of Indian Planning. 1
- Q16.Land Ceiling promotes Equity . Support the statement with valid reason 3
- Q17.Discuss the goals of five year plans. 4
- Q18. Green Revolution transformed India from a subsistent food grain economy to a food surplus economy. Justify the statement with valid reasons. 4
- OR
- Explain the classification and growth of Industries under Industrial Policy Resolution .
- Q19. Explain the features of Indian Economy during the British colonial Rule. 6

- (a) Global namespace
- (b) Local namespace
- (c) Built-in namespace
- (d) public namespace

8. What will be the output of the following code : `print("Str"[1:2])`

- (a) t
- (b) no output
- (c) error
- (d) none of these

9. Which of the statements is used to import all names from a module into the current calling module?

- (a) import
- (b) from
- (c) import*
- (d) dir()

10. Which values are used by the functions to communicate information back to the caller?

- (a) local
- (b) global
- (c) return
- (d) random

Q11 and 12 are ASSERTION AND REASONING based questions. Mark the correct choice as

- a) Both A and R are true and R is the correct explanation for A
- b) Both A and R are true and R is not the correct explanation for A
- c) A is True but R is False
- d) A is false but R is True

11. Assertion (A):The while statement executes a block of code repeatedly as long as the control condition of the loop is false.

Reason (R):If the condition of the while loop is initially false, the body is not executed even once.

12. Assertion (A):Built in function are predefined in the language that are used directly.

Reason (R):`print()` and `input()` are built in functions.

SECTION B

(2x 4 = 8)

13. (i) What will be the output of following Python code?

```
sound()
def sound():
    print("sound" * 2)
```

(ii) What will be the output of following Python code?

```
a = "Blog"
a = 'a'
print(a)
```

(1+1)

14. Write a Python program that accepts two integers from the user and prints a message saying if first number is divisible by second number or if it is not. (2)

15. (i) Why is indexing of strings called two-way indexing?

(ii) What are the two ways of creating a list in Python? (1+1)

16. (i) Write a Program to enter the number of terms and to print the Fibonacci Series.

17. (ii) Write a Program to enter the string and to check if it's palindrome or not using loop.

OR

Write a program to receive a two number in a function and return the result of all arithmetic operators

(+, - , / , *) (2)

SECTION C

(3x 4 = 12)

18. (i) Predict the output of following code fragment?

```
Def func (message,num=1)
Print (message*num)
Func('python')
Func('easy',3)
```

(ii) Define List, Tuple, Modules? (1+2)

19. How can you generate random numbers in Python? Explain with the help of Python code.

OR

Write a definition of a method Odd Sum (NUMBERS) to add those values in the list of NUMBERS, which are odd. (3)

20. (i) Differentiate between local variable and global variable

(ii) Write a program to print the elements of list in descending order using the insertion sort technique using functions. (1+2)

21. . Write a program to check if a number is odd or even.

OR

What is pickling and unpickling? Write a Python program to read the contents of binary file. (3)

SECTION D

(5x 2 = 10)

22. Hindustan Chemicals Ltd. is a company that deals in manufacture and export of chemicals across the world and has hundreds of employees on its roll. It wishes to computerize the process of salary

generation. Write a Python program to enter the names of employees and their salaries as input and store them in a dictionary and also represent the data as Salary Generation Report. (5)

23. (i) Write the term suitable for the following descriptions:

- (a) A name inside the parenthesis of a function header that can receive a value.
- (b) A argument passed to a specific parameter using the parameter name.
- (c) A value passed to a function parameter.
- (d) A value assigned to a parameter name in the function call.
- (e) A name defined outside all function definitions.
- (f) A variable created inside a function body.

(ii) From the program code given below, identify the parts mentioned below:

```
def processNumber (x) :  
    x = 71  
    return x+3  
y = 90  
result = processNumber (y)
```

Identify these parts: function header, function call , actual arguments, formal argument (2+3)

SECTION E

(4 x 2 = 8)

24. Consider the following code and answer the following questions:

```
total = _____ # Line 1  
def sum(arg1, arg2) ____ # Line 2  
    total= arg1 + _____ # Line 3  
    print(total)  
    return _____ # Line 5  
total = sum(10,20)  
print(_____) # Line 7
```

- (i) Which value or constant will be equal to variable total in line 1?
- (ii) Which symbol is used to terminate the function def in line 2?
- (iii) Fill in the blank in line 3.

OR (Option for part iii only)

What value will be return in line 5?

- (iv) Fill in the blank in line 7. (1+1+1+1)

24. Ankit has been assigned the task to complete the code and print details of roll number 1.

```

def search():
    f = open("student.dat", _____)           # Statement-1
    try:
        while True:
            rec = pickle. _____           # Statement-2
            if( _____ ):                 # Statement-3
                print(rec)
    except: pass
    _____                                   # Statement-4

```

- In which mode Aman should open the file in Statement-1?
- Identify the function (with argument), to be used at blank space in line marked Statement-2.
- What will be the suitable code for blank space in line marked as Statement-3?
 - What statement Aman should use at blank space in line marked as Statement-4 to close the file?

(1+1+1+1)

ST. PBN PUBLIC SCHOOL
UNIT TEST - I
CLASS – XII
PHYSICAL EDUCATION
SAMPLE PAPER

Time: 2 Hours

MM: 50

General Instructions:-

- 1. All questions are compulsory.**
- 2. Questions 1-7 carry 1 mark each and are multiple choice questions.**
- 3. Questions 8-10 carry 2 marks each and their answers should not exceed 40-60 words.**
- 4. Questions 11-13 carry 3 marks each and their answers should not exceed 80-100 words.**
- 5. Questions 14-15 carry 4 marks each and their answers should not exceed 120-140 words.**
- 6. Questions 16-19 carry 5 marks each.**

1. Effective Planning can help in:

- | | |
|--------------------------|----------------------------------|
| (a) Improving Efficiency | (c) Reducing chances of mistakes |
| (b) Proper Coordination | (d) All the above |

2. Pre-tournament tasks are done :

- | | |
|---------------------------|------------------------------|
| (a) During the tournament | (c) After the tournament |
| (b) Before the tournament | (d) After the award ceremony |

3. How many byes will be given if 29 teams are participating in a knock-out tournament?

- | | |
|-------|-------|
| (a) 3 | (c) 5 |
| (b) 4 | (d) 6 |

4. If the spine has a sideways curve, it is called

- | | |
|---------------|---------------|
| (a) Flat back | (c) Lordosis |
| (b) Kyphosis | (d) Scoliosis |

5. Which asana is known as Mountain pose?

- | | |
|----------------|------------------|
| (a) Matsyasana | (c) Parvatasana |
| (b) Tadasana | (d) Shalabhasana |

6. The other name of League tournament is

- | | |
|----------------------------|----------------------------|
| (a) Knock out tournament | (c) Challenge tournament |
| (b) Round Robin tournament | (d) Combination tournament |

7. At what point is blood pressure considered high:

- | | |
|------------|-------------|
| (a) 80/120 | (c) 140/90 |
| (b) 130/80 | (d) 210/120 |

8. Briefly discuss Lordosis.

9. What are the causes of bad posture?

10. Briefly mention the benefits of Halasana.

11. Briefly explain about types of league tournament.

12. Explain the term 'Menarche'.

13. What do you mean by triad? Discuss its symptoms.

14. Discuss the procedure of Pawanmuktasana.

15. Mention the benefits of Gomukhasana.

16. Write in detail the symptoms and causes of amenorrhoea.

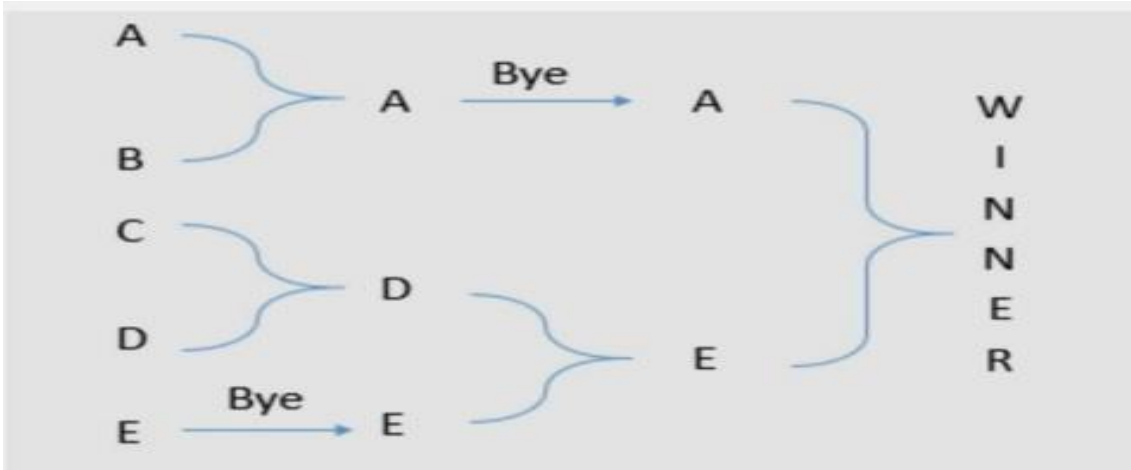
17. Define and classify 'fixtures'. Draw a league fixture of 16 teams.

18. What do you mean by back pain? Discuss the procedure and benefits of Shalabhasana.

19. Case based questions:

Competing in physical activities has been the natural tendency of humans. The competitions or tournaments are held according to the set rules and regulations. The success of the tournament depends

upon suitable fixture. Observe the below given fixture and answer the questions.



- (i). The method followed in drawing the fixture is _____
- a) League
 - b) Knockout
 - c) Ladder
 - d) Combination
- (ii). Number of matches played can be calculated by the formula _____
- a) N
 - b) $N-1$
 - c) $N+1$
 - d) $N+2$
- (iii). The advantage of this tournament is _____
- a) Economical
 - b) Less time
 - c) both (a) and (b)
 - d) none of these
- (iv). In this type of tournament, a team once defeated gets
- a) Eliminated
 - b) Bye
 - c) another chance
 - d) wild card entry
- (v). A privilege given to a team to play at a higher round is called _____
- a) Fixture
 - b) Bye
 - c) Reward
 - d) All of these

