

Name : _____ UID: _____ Std: XI _____

Subject: English

1. Read the given passage and answer the questions that follow:

From time immemorial, the basic purpose of physical education and sports has been three-fold to obtain physical fitness, to inculcate team-spirit, discipline, and co-operation and thereby to provide lasting harmony and balance in one's outlook in life. It is for this reason that in some institutions, the competition component in sports is encouraged. There, the stress is on excellence in sports and studies since the cardinal aim is overall development of personality and integrated development of body, mind and spirit.

The new education policy also seeks to realise these objectives. It outlines several inputs in the areas- evaluation of performances, nationwide infrastructure, sports institutions and hotels, due encouragement to talented sportsmen and women, and marked emphasis on indigenous traditional games. In the programmes of Action (POA) therefore, several new strategies were chalked out. A sub-committee of the Central Advisory Board of Education was constituted and its recommendations were discussed in great detail.

The sub-committee made concrete suggestions. The major among them are introduction of annual physical fitness test for all students and teachers, daily physical exercise for students, physical education as a subject at various levels, mass participation of students on monthly and weekly basis, sports funds in schools, leadership role for some categories of schools, more sports hostels, training of teachers, 100 sports colleges for maintaining and nurturing sports talent, regular yoga teaching in schools, accommodation of sports in the academic calendars, due weight age to achievements in sports and games for admission to higher courses/ classes and recruitment in services, and optimum utilisation of existing facilities and infrastructure.

The urgent requirement is the maximum use of existing facilities. At the micro level, it has to be ascertained how the present infrastructure can be utilised to its optimum level. Each scheme and institute has to be evaluated. It is most advisable to concentrate fully on physical education at the elementary education stage.

It is an accepted fact that maximum sport potential is in the rural regions. However, this repository has not been adequately exploited and enriched. All roads tend to lead to the urban areas. In fact, a major part of sport activities should be shifted to the rural arena. In the process, this will help to provide necessary facilities there.

- a) On the basis of reading the above passage, make notes in points, using headings and sub-headings. Use recognizable abbreviations wherever necessary and supply a suitable title to it. [5]
- b) Make a summary of the passage in about 100 words. [5]

2. You are the General Manager of a reputed company. The company requires posh bungalows on company lease as guest houses. Draft an advertisement under the classified columns to be published in a leading daily. [4]
3. You are Upendra Kumar. You want information regarding courses at New Institute of Learning Languages. Write a letter to the director enquiring about the same. Invent necessary details. [6]
4. Read the conversation given below and complete the following passage by filling in the blanks appropriately. [5]

Customer: Can I have a small bottle of tomato sauce?

Shopkeeper : Sorry, I have only big bottles.

Customer: When will it be available?

Shopkeeper : I can give it to you tomorrow?

Customer: Thank you, then I will get it tomorrow.

The customer asked the shopkeeper for _____ . The shopkeeper said _____ .

The customer wanted to know _____ . The shopkeeper said that _____ .

The customer thanked him and said that _____ .

Subject : Accountancy

1. Write any two internal users of financial statements. [1]
2. Define generally accepted accounting principle. [1]
3. "Closing stock is valued lower than the market price" which concept of accounting is applied here? [1]
4. Define IFRS. What are its objectives? [4]
5. What are the differences between Book keeping and Accounting? [4]
6. Explain the following concepts. [6]
 - a. Separate entity concept
 - b. Prudence concept
 - c. Realization concept
7. Show the effect of the following business transactions on assets, liabilities and capital through accounting equations: [8]

a. Commenced business with cash	40,000
b. Goods purchased on credit	14,000
c. Furniture purchased	6,000
d. paid to creditors	4,000
e. Amount withdrawn by the proprietor	8,000
f. Creditors accepted a bill for payment	3,000
g. interest on capital	2,000
h. Transfer from capital to loan	10,000

Subject : Business Studies

1. Discuss the features of a departmental store. How are they different from multiple shops or chain stores? [5]
2. How would you differentiate between street traders and street shops? [5]
3. Why is it said that licensing is an easier way to expand globally? [5]

4. What is international business? How is it different from domestic business. [5]
5. Why is the 'government company' form of organisation preferred to other types in the public sector? [5]

Subject : Economics

Micro Economics

1. Name the characteristic which makes monopolistic competition different from perfect competition. [1]
2. Why can a firm not earn abnormal profits under perfect competition in the long run? Explain. [3]
3. Explain the implications of the following in an oligopoly market: [3]
 - a) Barriers to entry of new firms
 - b) A few or a few big sellers.
4. How will a fall in the price of tea affect the equilibrium price of coffee? Explain the chain of effects. [6]

Statistics

1. What is Correlation? [1]
2. Give two examples of negative correlation. [1]
3. If the value of mean and median are 40 and 48 respectively, then what is the value of mode? [1]
4. Calculate Spearman's Rank Correlation of the following data. [3]

X	15	10	20	28	12	10	16	18
Y	16	14	10	12	11	15	18	12

5. Find out Mean & Standard deviation from the following data. [3]

Size	0-2	2-4	4-6	6-8	8-10	10-12
Frequency	2	4	6	4	2	6

6. Construct Consumer price index using Aggregative Expenditure method. [3]

Items	Quantity(base year)	Price(current year)	Price(base year)
A	5	30	24
B	1	20	16
C	2	18	12
D	4	6.25	5
E	5	5	4
F	40	1.50	1
G	10	2.50	2
H	01	25	20

Subject : Entrepreneurship

1. Explain Maslow Hierarchy Theory? [5]
2. What are the 7 Personality types of Entrepreneurs? Explain. [5]
3. Explain what is business plan and also it's various purposes. [5]
4. Write and explain various types of Feasibility study. [5]
5. State Entrepreneurial Myths. [5]

Subject : Mathematics

1. For all sets A, B and C, show that $(A - B) \cap (A - C) = A - (B \cup C)$. [2]
2. Let $T = \left\{x, \frac{x+5}{x-7} - 5 = \frac{4x-40}{13-x}\right\}$. Is T is an empty set? Justify your answer. [2]
3. Find the domain of each of the following functions given by : [3]
 - a) $f(x) = x|x|$
 - b) $f(x) = \frac{1}{\sqrt{x+|x|}}$
4. Find the range of each of the following functions given by : [3]
 - a) $f(x) = 1 - |x - 2|$
 - b) $f(x) = \frac{3}{2-x^2}$.
5. If $f(x) = y = \frac{ax-b}{cx-a}$, then prove that $f(y) = x$. [2]
6. If $a\cos\theta + b\sin\theta = m$ and $a\sin\theta - b\cos\theta = n$, then show that $a^2 + b^2 = m^2 + n^2$ [2]
7. Find the general solution of the equation $\cos^2\theta + 7\sin^2\theta - 6 = 0$. [2]
8. Show that $\frac{n^5}{5} + \frac{n^3}{3} + \frac{7n}{15}$ is a natural number for all $n \in N$. [3]
9. Prove that $\frac{1}{n+1} + \frac{1}{n+2} + \dots + \frac{1}{2n} > \frac{13}{24}$ for all natural numbers, $n > 1$. [3]
10. If $f(z) = \frac{7-z}{1-z^2}$, where $z = 1 + 2i$, then find $|f(z)|$. [3]

Subject : PE

1. What do you mean by soft skill? Discuss any five soft skills which are required for the career in the field of games and sports.
2. What is biomechanics? Explain the importance of biomechanics in physical education and sports.
3. State the functions of bones.
4. What are the side effects of anabolic steroids? Explain in brief.