

SUMMER ASSIGNMENT: 2024-25

Class: XI (Commerce Stream)

General Instructions:-

1. All the subject assignments have to be done in separate files using project papers.
2. Submission date:- 12th June, (Wednesday)
3. The Summer Break is scheduled from 05th May 2024 – 09th June, 2024. The students will resume the school from 10th June, 2024.

Note:- These assignments are a part of your internal assessment & will be marked accordingly out of 10.

ENGLISH CORE (301)

- Q1. You are Manisha of 10, Rajaji Nagar, Bangalore. You want a Maths teacher for your son who is a class 10 student. Draft a suitable advertisement in not more than 50 words stating your requirements.
- Q2. You want to sell your newly built flat. Draft a suitable advertisement in not more than 50 words to be inserted in the classified columns of 'The Hindu' giving all necessary details. You are Niranjana, 247, J.P. Nagar, Bengaluru.
- Q3. You are General Manager of Ivy Software Solutions, Agra Cantt, Agra. You need a software engineer for your organisation. Draft an advertisement in not more than 50 words to be published in 'The Times of India' under the classified columns.
- Q4. You are Ramanujam/Revathi, a student of Class XII, St. Xavier's School, Jhansi. You are interested in giving tuition in Maths to one or two students of class VIII. Draft an advertisement in not more than 50 words for a local newspaper.
- Q5. You are Uttarak/Umesh, a visually challenged person, running a telephone booth in the Central Market, Delhi. Give a suitable advertisement in not more than 50 words for a telephone operator in 'Situation Vacant' column of Delhi Times, offering attractive remuneration.
- Q6. Animals recognize and value a relationship established with human beings. Explain this by keeping in mind the relationship established by Kushwant Singh's grandmother with animals and birds.
- Q7. A life of dedication and integrity can be lived even without college or university level education as the grandmother demonstrates. Elaborate.
- Q8. Discuss the advantages and disadvantages of the joint family system. What values do you think children learn from grandparents?
- Q9. The chapter "The Portrait of a Lady" displays the sad reality of old age. Old people face loneliness and seclusion. It gets you thinking about the pain of old age. Write an article about 'Pain of Old Age'.
- Q10. The poet has paid a tribute to her mother. Similar instance can be seen in 'The Portrait of a Lady'. This made you think that writing about a loved one is much better than building their statues or drawing their portraits. Comment.
- Q11. "Both wry with the labored ease of loss". The poet is missing her mother. What is the role of the mother in forming the personality of a child?
- Q12. Aram justified the act of stealing the horse as he didn't consider it to be stealing. In fact he was Mourad's partner in crime. What would you have done if such a situation confronted you?
- Q13. In today's materialistic world where greed and money are the most important things the example of the Garoghlanian tribe can teach us many things –to be honest, to discriminate between right and wrong. What values can we learn from the example of such a tribe?
- Q14. How does the story 'The Summer of the Beautiful White Horse' convey the message of honesty and integrity and how do the characters maintain it irrespective of their desire to keep the horse with themselves? What other human values did the two young boys reflect in their character?
- Q15. "We are nothing but a set of values". Discuss the statement with reference to the story 'The Summer of the Beautiful White Horse'.

ECONOMICS (030)

Q1. Case study based questions:

Read carefully the case study below and answer the question accordingly:-

The Production Possibilities Curve (PPC) is a model widely used in economics to explain various economic problems and theories especially the trade-offs associated with allocating resources between the productions of two goods. The PPC can be used to illustrate the opportunity cost, efficiency,

inefficiency, economic growth, and contractions. This concept is also helpful to explain the central problems of what, how and for whom to produce. China is one of the fastest growing economy in the world. The country is blessed with large number of human resources and capital. China produces variety of consumer goods and export it to different part of the world. Let us suppose that China produces two commodities, cotton and wheat. We suppose that the productive resources are being fully utilized and there is no change in technology. The following table gives the various production possibilities. The Chinese government has made innovation a top priority in its economic planning through a number of high-profile initiatives, such as “Made in China 2025,” a plan announced in 2015 to upgrade and modernize China’s manufacturing in 10 key sectors through extensive government assistance in order to make China a major global player in these sectors. However, such measures have increasingly raised concerns that China intends to use industrial policies to decrease the country’s reliance on foreign technology (including by locking out foreign firms in China) and eventually dominate global markets.

Possibility	Cotton(in 000 quantils)	Wheat(in 000 quantils)
A	0	15
B	1	14
C	2	12
D	3	9
E	4	5
F	5	0

Question: -

- (i) Illustrate the PPC of China in a graph based on above information
- (ii) Explain how the concept of PPC is useful for the allocation of resources in an economy like China.
- (iii) How the concept of PPC is useful to address the problem of how to produce” in a country like China?
- (iv) Suppose China want to increase the production of wheat from 5000 quintals to 12000 quintals. What is the opportunity cost of this decision?
- (v) Discuss the strategies that Government of China has formulated for faster economic growth.

Q2. Effect on PPC due to various Government policies. Explain the impact on any 5 policies and draw diagram for the same.

BOARD QUESTIONS

- Q3.** Production in an economy is below its potential due to unemployment. Government starts employment generation schemes. Explain its effects using production possibilities curve.
- Q4.** Explain the meaning of opportunity cost with the help of production possibility schedule.
- Q5.** With the help of suitable example the problem of “for whom to produce”.
- Q6.** Define opportunity cost.
- Q7.** Why does an economic problem arise? Explain.
- Q8.** Explain the problem “what to produce”.
- Q9.** Unemployment is reduced due to measures taken by the government. State its economic value in the context of production possibilities frontier.
- Q10.** The government has started promoting foreign capital. What is its economic value in the context of PPC?
- Q11.** Why is PPC concave?
- Q12.** Explain with the help of an example how the rotation of ppc only for x commodity and only for y commodity takes place.
- Q13.** Unemployment is reduced due to the measure taken by the government. State its economic value in the context of PPC.

- Q14.** The government has started promoting foreign capital. What is its economic value in the context of PPF?
- Q15.** Large number of technical training institutions have been started by the government. State its economic value in the context of PPF.
- Q16.** What will be the impact of recently launched 'Clean India Mission' on the PPC of the economy and why?
- Q17.** What will be the impact of large scale outflow of foreign capital on PPC of the economy and why?
- Q18.** What will be the impact of 'Make in India' appeal to foreign investors by the Prime Minister of India, on the PPC and why?
- Q19.** A lot of people die and many factories are destroyed because of severe earthquake in the country. How will it affect country's PPC?

BUSINESS STUDIES (054)

- Q1.** Explain the term HUNDI.
- Q2.** Why profit is important in business?
- Q3.** "As a businessman he can not only have economic objective as a goal" do you agree with the statement. Explain.
- Q4.** Explain business risk and its two types.
- Q5.** Explain economic and non-economic activity.
- Q6.** Differentiate between employment, profession and business.
- Q7.** Draw a flow chart of business activity and explain manufacturing industries in detail.
- Q8.** Explain different causes of risk.
- Q9.** Draw a flow chart of forms of Business.
- Q10.** Explain the features and stick picture of sole proprietorship.
- Q11.** Explain different types of partners with the help of example.
- Q12.** What is partnership deed explain in detail?
- Q13.** Explain the features of joint Hindu family business.
- Q14.** Explain and compare the merits and demerits of joint Hindu family business.
- Q15.** Explain merits and demerits of partnership.
- Q16.** Explain features of co-operative society.
- Q17.** Discuss in detail about the how Sumul dairy function with the help of pictures.
- Q18.** Collect examples of different forms of business.
- Q19.** "Joint stock company is better than other form of business" do you agree with the statement justify.
- Q20.** Explain mutual agency in respect of partnership firm.

ACCOUNTANCY (055)

- Q1.** Define GAAP.
- Q2.** What do you mean by consistency concept?
- Q3.** What do you mean by money measurement concept?
- Q4.** What is full disclosure concept ?
- Q5.** Name two Internal and two external users of financial statements.
- Q6.** What do you mean by Non-current liability?
- Q7.** Write two points of difference between Non-current assets and Current Assets?
- Q8.** Explain any two qualitative characteristics of accounting.
- Q9.** Explain how researcher acts as a user of the financial statements.
- Q10.** What is Fictitious asset?
- Q11.** Explain how expenditure differs from expenses.

(c) $n^{1/(n-1)}$

(d) None of these

Q7. $(x^5)^{1/3}(16x^3)^{2/3}\left(\frac{1}{4}x^{4/9}\right)^{-3/2} =$

(a) $(x/4)^3$

(b) $(4x)^3$

(c) $8x^3$

(d) None of these

Q8. If $a^{1/x} = b^{1/y} = c^{1/z}$ and $b^2 = ac$ then $x+z =$

(a) y

(b) $2y$

(c) $2xyz$

(d) None of these

Q9. If $a^x = bc, b^y = ca, c^z = ab$, then $xyz =$

(a) 0

(b) 1

(c) $x+y+z$

(d) $x+y+z+2$

Q10. If $\frac{(2^{n+1})^m(2^{2n})2^n}{(2^{m+1})^n 2^{2m}} = 1$, then $m =$

(a) 0

(b) 1

(c) n

(d) $2n$

Q11. If $x^{x\sqrt{x}} = (x \cdot \sqrt[3]{x})^x$, then $x =$

(a) 1

(b) -1

(c) 0

(d) $64/27$

Q12. If $x = 2^{1/3} - 2^{-1/3}$, then $2x^3 + 6x =$

(a) 1

(b) 2

(c) 3

(d) None of these

Q13. Solution of the equation $(x)^{x\sqrt{x}} = (x\sqrt{x})^x$ are

(a) $9/4$

(b) 1

(c) -1

(d) 0

Q14. If $5^{x-1} + 5 \cdot (0.2)^{x-2} = 26$, then x may have the value

(a) 25

(b) 1

(c) 3

(d) None of these

Q15. Solution of the equation $4 \cdot 9^{x-1} = 3\sqrt{2^{2x+1}}$ has the solution

(a) 3

(b) 2

(c) $3/2$

(d) $2/3$

Q16. Solve the following logarithmic equations.

(1) $\ln x = -3$

(2) $\log(3x - 2) = 2$

(3) $2 \log x = \log 2 + \log(3x - 4)$

(4) $\log x + \log(x - 1) = \log(4x)$

(5) $\log_3(x + 25) - \log_3(x - 1) = 3$

(6) $\log_9(x - 5) + \log_9(x + 3) = 1$

(7) $\log x + \log(x - 3) = 1$

(8) $\log_2(x - 2) + \log_2(x + 1) = 2$

Q17. True or False?

(1) $\log\left(\frac{x}{y^3}\right) = \log x - 3 \log y$

(2) $\log(a - b) = \log a - \log b$

(3) $\log x^k = k \cdot \log x$

(4) $(\log a)(\log b) = \log(a + b)$

(5) $\frac{\log a}{\log b} = \log(a - b)$

(6) $(\ln a)^k = k \cdot \ln a$

(7) $\log_a a^a = a$

(8) $-\ln\left(\frac{1}{x}\right) = \ln x$

(9) $\ln_{\sqrt{x}} x^k = 2k$

Q18. Given that $\log 2 = x$, $\log 3 = y$ and $\log 7 = z$, express the following expressions in terms of x , y , and z .

(1) $\log 12$ (2) $\log 200$ (3) $\log \frac{14}{3}$ (4) $\log 0.3$

(5) $\log 1.5$ (6) $\log 10.5$ (7) $\log 15$ (8) $\log \frac{6000}{7}$

Q19. Prove the following statements.

(1) $\log_{\sqrt{b}} x = 2 \log_b x$ (2) $\log_{\frac{1}{\sqrt{b}}} \sqrt{x} = -\log_b x$ (3) $\log_{b^4} x^2 = \log_b \sqrt{x}$

Q20. Solve the following equations.

(1) $3^x - 2 = 12$ (2) $3^{1-x} = 2$

(3) $4^x = 5^{x+1}$ (4) $6^{1-x} = 10^x$

(5) $3^{2x+1} = 2^{x-2}$ (6) $\frac{10}{1 + e^{-x}} = 2$

(7) $5^{2x} - 5^x - 12 = 0$ (8) $e^{2x} - 2e^x = 15$
