

Assignment (2023-24)

Class : XI (Commerce)

English (301)

Collect samples of Advertisements (atleast 4 advertisements for each type/kind) from English newspapers and paste in different pages of a scrapbook. Cover and decorate the scrapbook and mention your Name, Class, Section and UID. It should contain all the following types of Advertisements:

- A. Situation Vacant
- B. Situation Wanted
- C. Sale and Purchase (Property, Vehicle and Household Goods in separate pages)
- D. To Let
- E. Educational Institutions
- F. Lost and Found
- G. Tours and Travels
- H. Matrimonials
- I. Change of Name/ Address
- J. Display/Commercial Advertisement

Accountancy (055)

1. Name and explain different types of reserves in details.
2. What are provisions? How are they created? Give accounting treatment in case of provision for doubtful Debts.
3. "In case of a long-term asset, repair and maintenance expenses are expected to rise in later years than in earlier year". Which method is suitable for charging depreciation if the management does not want to increase burden on profits and loss account on account of depreciation and repair?
4. Give four examples each of 'revenue reserve' and 'capital reserves'.
5. Ganga Ltd. purchased a machinery on January 01, 2014 for ₹5,50,000 and spent ₹50,000 on its installation. On September 01, 2014 it purchased another machine for ₹3,70,000. On May 01, 2015 it purchased another machine for ₹8,40,000 (including installation expenses).
Depreciation was provided on machinery @10% p.a. on original cost method annually on December 31.
Prepare:
 - a) Machinery account and depreciation account for the years 2014, 2015, 2016 and 2017.
 - b) If depreciation is accumulated in provision for Depreciation account then prepare machine account and provision for depreciation account for the years 2014, 2015, 2016 and 2017.
6. Kapil Ltd. purchased a machinery on July 01, 2011 for ₹3,50,000. It purchased two additional machines, on April 01, 2012 costing ₹1,50,000 and on October 01, 2012 costing ₹1,00,000. Depreciation is provided @10% p.a. on straight line basis. On January 01, 2013, first machinery become useless due to technical changes. This machinery was sold for ₹1,00,000. prepare machinery account for 4 years on the basis of calendar year.

7. Carriage Transport Company purchased 5 trucks at the cost of ₹2,00,000 each on April 01, 2011. The company writes off depreciation @ 20% p.a. on original cost and closes its books on December 31, every year. On October 01, 2013, one of the trucks is involved in an accident and is completely destroyed. Insurance company has agreed to pay ₹ 70,000 in full settlement of the claim. On the same date the company purchased a second-hand truck for ₹1,00,000 and spent ₹20,000 on its overhauling. Prepare truck account and provision for depreciation account for the three years ended on December 31, 2013.
8. M/s Lokesh Fabrics purchased a Textile Machine on April 01, 2011 for ₹1,00,000. On July 01, 2012 another machine costing ₹2,50,000 was purchased. The machine purchased on April 01, 2011 was sold for ₹25,000 on October 01, 2015. The company charges depreciation @15% p.a. on straight line method. Prepare machinery account.
9. Azad Ltd. purchased furniture on October 01, 2014 for ₹4,50,000. On March 01, 2015 it purchased another furniture for ₹3,00,000. On July 01, 2016 it sold off the first furniture purchased in 2014 for ₹2,25,000. Depreciation is provided at 15% p.a. on written down value method each year. Accounts are closed each year on March 31.
- Prepare furniture account, and accumulated depreciation account for the years ended on March 31, 2015, March 31, 2016 and March 31, 2017. Also give the above two accounts if furniture disposal account is opened.
10. The following balances appear in the books of Crystal Ltd, on Jan 01, 2015

₹

Machinery Account	15,00,000
Provision for depreciation Account	5,50,000

On April 01, 2015 a machinery which was purchased on January 01, 2012 for ₹2,00,000 was sold for ₹75,000. A new machine was purchased on July 01, 2015 for ₹6,00,000. Depreciation is provided on machinery at 20% p.a. on straight line method and books are closed on December 31 every year.

Prepare the machinery account and provision for depreciation account for the year ending December 31, 2015.

Business Studies (054)

1. The limit of capital investment in small business is restricted to

a) 1crore	c) 25 lakhs
b) 5 crore	d) 3 crore
2. Which of the following is not a feature of entrepreneurship?

a) An economic activity	c) Dynamic in nature
b) Does not involve any risk	d) A purposeful activity
3. It is a recognisable sign, design or expression which distinguishes products or services of a particular trader from the similar products or services of other traders.

a) Copyright	c) Trademark
b) Patent	d) None of the above
4. The government of India has defined small industries on the basis of volume and value of output. True/ False? Give reason.
5. Name the two categories into which Micro, Small and Medium Enterprises can be classified as per MSMSED Act 2006.
6. Name the institution which provides an integrated administrative framework for small- industries at district level.

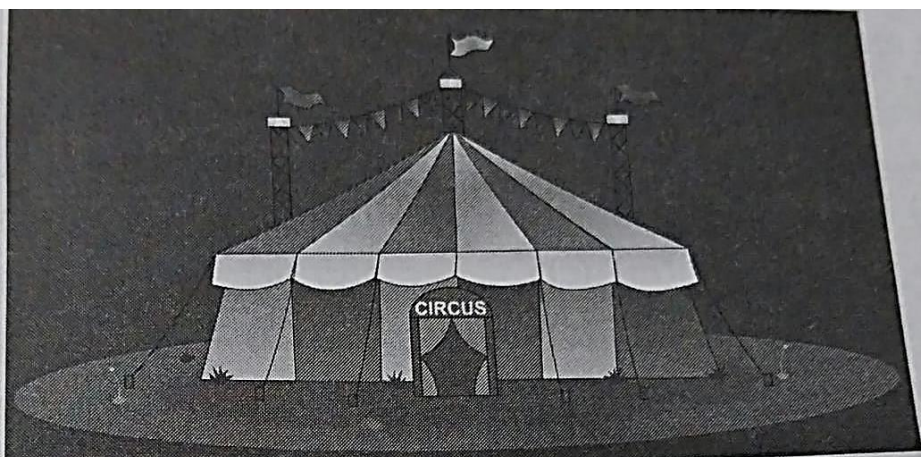
7. Differentiate between copyright and trademark.
8. Raman wants to start a business unit manufacturing khadi items. His friend who makes craft items, suggests him to start a small- scale industrial unit in some rural, background area since the government is offering various incentives to small-scale industries.
 - a) State any four incentives offered by the government for small scale industries.
 - b) Discuss two institutions set up by the government of India to promote small scale industries in rural India.

Standard Mathematics (041)

1. Make a model representing how all the four conics are formed from a cone.
2. Write the definition, equations and all the terminologies related to all the four conics with diagram in a thin copy.
3. $\cot x \cot 2x - \cot 2x \cot 3x - \cot 3x \cot x = 1$
4. Prove that $\tan 6^\circ \tan 42^\circ \tan 66^\circ \tan 78^\circ = 1$
5. Prove that $8 \cos^3 20^\circ - 6 \cos 20^\circ = 1$
6. Prove that $\sin^2 24^\circ - \sin^2 6^\circ = (\sqrt{5}-1)/8$
7. If $x \cos \theta = y \cos(\theta + 2\pi/3) = z \cos(\theta + 4\pi/3)$, then find the value of $xy + yz + zx$?

Applied Mathematics (241)

1. The circus tent is cylindrical to a height of 2.1 m and conical above it. The radius of the tent is 7 m and the total height of the tent is 26.1 m.



Based on above information, answer the following question:

- a) The height of conical part
 - b) The slant height of the cone
 - c) Area of canvas used in the tent
 - d) Volume of the air in the tent
2. Rahul's birthday is on Saturday 5th June. On what day of the week will be Radhika's birthday in the same year, if Radhika was born on 13th September?
 3. One tap can fill a tank in 20 hours, while the other can empty it in 30 hours. The tank being empty and both taps are opened together, how long will take for the tank to be half full?
 4. A footpath of uniform width runs all around the inside of a rectangular field 50 m long and 38 m wide. If the area of the path is 492 m^2 , find its width.
 5. A line perpendicular to the line segment joining the points (1, 0) and (2, 3) divides it in the ratio 1: n. Find the equation of the line.

- Find the equation of a line that cuts off equal intercepts on the coordinate axes and passes through the point (2, 3).
- Find equation of the line passing through the point (2, 2) and cutting off intercepts on the axes whose sum is 9.

Find the equation of parabola Q. 8 to 13:

- Focus (6,0); directrix $x = -6$
- Focus (0,-3); directrix $y = 3$
- Vertex (0,0); focus (3,0)
- Vertex (0,0); focus (-2,0)
- Vertex (0,0) passing through (2,3) and axis is along x-axis.
- Vertex (0,0), passing through (5,2) and symmetric with respect to x – axis .

Economics (030)

- Calculate the coefficient of Correlation for the following Data:

Husband age	0	32	34	35	37	38	40	42	44
Wife age	22	25	27	28	29	30	31	32	33

- Determine the median graphically from the data given below:

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of Students	3	17	15	9	6	4

- Calculate the mode in following distribution by the method of grouping.

Marks	40-49	50-59	60-69	70-79	80-89	90-99
No. of Students	12	30	24	20	12	2

- Define TC, TVC, TFC and explain relationship between them with help of hypothetical schedule and diagram.
- Calculate TR, MR and AR from the following data:

Units Sold	10	9	8	7	6	5	4
Price	1	2	3	4	5	6	7

Entrepreneurship (066)

- Explain the case study of 'Nandita Bijur'.
- What do you understand by a business plan? Also write down the elements of business plan.
- Who is a social entrepreneur? Explain the characters of a Social Entrepreneur.
- Write and explain the difference between e-commerce and e-business.
- Write and explain the barriers to entrepreneurship on the basis of:
 - Environmental Barriers
 - Personal Barriers.

Hindustani Music (Vocal) 034

- Write a life Sketch of any Hindustani classical vocalist like Miyan Tansen, Pt. Vishnu Narayan Bhatkhande or Pt. Vishnu Digambar Paluskar.

