

14. In a batch of 400 students, the height of students is given in the following table.
Represent it through a frequency polygon. [8]

Height (in cm)	Number of Students (Frequency)
140 – 150	74
150 – 160	163
160 – 170	135
170 – 180	28
Total	400

15. Presenting the data graphically and simultaneously in the form of ‘less than’ and ‘more than’ ogives. The two ogives are drawn together [10]

Marks (x)	No. of students (f)
410-419	14
420-429	20
430-439	42
440-449	54
450-459	45
460-469	18
470-479	7

16. A single card is chosen at random from a standard deck of 52 playing cards.
What is the probability of choosing a king or a club? [4]



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OCS (MAIN) TEST SERIES 2019

VST-1

**GENERAL STUDIES
(Paper-II)**

**Time : 3 Hour
Full Mark : 300**

- Answer any TWO of the followings.** [10 × 2 = 20]
 - Changing geopolitical situation demands for a change in the role & function of UNO. Comment.
 - WTO has not been successful in bringing a free & fair trade regime in the world.
 - What is ISA? Write about its prospect & challenges.
- Answer any TWO of the followings.** [10 × 2 = 20]
 - What are the major outcomes of recent ASEAN Summit?
 - What is BRICS? Write on the major outcomes of the recent BRICS Summit.
 - Describe the major outcomes of the UN convention on making the world free from nuclear weapons.
- Answer any TWO of the followings.** [10 × 2 = 20]
 - Security, Connectivity, Commerce & Culture are the cornerstones of ASEAN-Indian relationship. Evaluate.
 - Write the advantages of India's closeness with OIC.
 - QUAD is a viable and strong arrangement to counter China. Comment.
- Answer any TWO of the followings.** [10 × 2 = 20]
 - NAM 2.0 is nothing but old wine in new bottle. Comment.
 - BIMSTEC is being proactive due to the inactiveness of SAARC. Comment.
 - What is SDG? What is Indian action plan to fulfil it?
- Answer any THREE of the followings.** [10 × 3 = 30]
 - Critically examine the functioning of the existing TPDS mechanism and the role of centre & state in it.
 - Write on the measures to revive the falling manufacturing sector in India.
 - What are the reasons behind low tax base in India. Elaborate the steps required to widen the tax base.

(d) PSU's have lost their relevance. Elaborate this in the present situation in India.

6. Explain any THREE of the following [10 × 3 = 30]

- P-Notes
- LOU
- PCA
- Masala Bond
- GI Tag
- Monetary Policy Committee
- MCLR
- DBT in fertiliser
- Bharat Mala Project
- Maharatna PSU

7. Answer any TWO of the following. [15 × 2 = 30]

- Write on the major industrial promotion measures and projects launched in Odisha.
- What is Urja Ganga? Write on the importance of Odisha in this project.
- Write the reason why KBK is the most backward region in India & the steps launch to improve the situation.

8. Answer all the questions [6 × 5 = 30]

- What is carbon credit?
- Explain the role of Fast Breeder Reactor (FBR) in India's Civil Nuclear Programme?
- What are the main components of Nuclear Power Plant?
- What is Solar Thermal Energy?
- What is Off-Grid Power Plant? What is its significance?

9. Answer all the questions [6 × 5 = 30]

- What is 'Mission Nano'?
- What is Malware?
- What are the different layer of Cloud Computing?
- What is Microprocessor? What is its application?
- What are the application of Computer in Education?

10. Answer all the questions [6 × 5 = 30]

- What is PSLV? Explain its role in India's Space Programme?
- "Aditya-L1 mission is very significant for ISRO". Explain.
- What is "Transfer Orbit"?
- Write short note on "Gravity Rat".
- What is Navigation Satellite System? Write how it is important in our day to day life.

11. The following table shows the numbers of hours spent by a child on different events on a working day. [5]

Represent the adjoining information on a pie chart

Activity	No. of Hours
School	6
Sleep	8
Playing	2
Study	4
T. V.	1
Others	3

12. The favourite flavours of ice-cream for the children in a locality are given in percentage as follow. Draw the pie chart to represent the given information.[5]

Flavours	% of Students Prefer the Flavours
Vanilla	25 %
Strawberry	15 %
Chocolate	10 %
Kesar-Pista	30 %
Mango Zap	20 %

13. Construct a multiple bar diagram [8]

Years	Imports Rs. (billion)	Exports Rs. (billion)
1982-83	68.15	34.44
1983-84	76.71	37.33
1984-85	89.78	37.98
1985-86	90.95	49.59
1986-87	92.43	63.35
1987-88	111.38	78.44