

MODEL QUESTION PAPER

CLASS 12TH JKBOSE ON CBSE PATTERN

SUB: GEOLOGY MAX. MARKS : 70 PASS MARKS: 23

TIME: 3 HRS

SECTION A (Objective Type Questions)

- Q1 The satellite passes over any given point of the planet's surface at the same local time is known as
- (a) Geosynchronous (b) Sun-synchronous
(c) Rocket (d) Aircraft 1
- Q2 Bornite is an ore of:
- (a) copper (b) iron
(c) aluminium (d) none of these 1
- Q3 A diagonal fault is also known as
- (a) Dip fault (b) bedding fault
(c) strike fault (d) oblique fault 1
- Q4 A raised block of the earth's crust that has lifted ,or has remained stationary, while the land on either side has subsided.
- (a) Graben (b) Horst
(c) fold (d) unconformity 1

SECTION B (Very Short Answer Type Questions)

- Q5 What is seismograph? 1
- Q6 Define P -wave. 1

Q7	What is the composition of inner core?	1
Q8	What do you know about Sial?	1
Q9	What is the age of Cardita?	1
Q10	Define Remote Sensing.	1
Q11	Define Tethered balloons.	1
Q12	Give the physical properties of Bauxite.	1
Q13	Define Synclitorium.	1
Q14	What is strike slip fault?	1

SECTION C (Short Answer-1 Type Questions)

Q15	Write short notes on the following:	
	(I) Focus	1
	(II) Epicenter	1
Q16	Write the various parts of volcano with neat diagram.	2
Q17	What is Half life period?	2
Q18	Define Pygidium.	2
Q19	Write short note on Gondwana coal.	2
Q20	Write short note on Tertiary coal.	2
Q21	What is a satellite?	2
Q22	Define aircraft.	2
Q23	Differentiate between Dome and Basin.	2
Q24	Define a reverse fault.	2

SECTION D (Short Answer -II Type Questions)

- Q25 Describe various products of volcano. 3
- Q26 What are the causes of an earthquake? 3
- Q27 Explain Carbon 14 method for determination of age of the Earth 3
- Q28 Write the morphological features of Trilobite shell with diagram. 3
- Q29 Write short note on aerial photography. 3
- Q30 Describe the distribution of petroleum in India. 3
- Q31 Define Unconformity. 3

SECTION E (Eassy Type Questions)

- Q32 Draw and describe interior of the earth based on seismic data. 5
- Q33 Give morphological description of Brachiopoda. 5
- Q34 write about the mineral wealth of J & K, UT. 5