

2007-A

1	B	11	A	21	D
2	B	12	D	22	A
3	C	13	B	23	B
4	B	14	C	24	A
5	D	15	D	25	C
6	B	16	D	26	C
7	C	17	B	27	D
8	D	18	A	28	A
9	D	19	B	29	B
10	C	20	D	30	B

31.

(a) 1:4 & 1:3 resp.

(b) Albite- sodic plag.

Anorthite= calcic

Rest are= (lower calcic)Oligoclase →Andesine→Labradorite →Bytownite(higher calcic)

32.

(a) A.O.S=13

P.O.S=9

C.O.S=1

(b) The optic axis along which no double refraction takes place is called an optic axis.fig

33.

(a)a= pure liquid

b= Di + Liq

c= An + liq

d=Di + An

x= eutectic point

34.

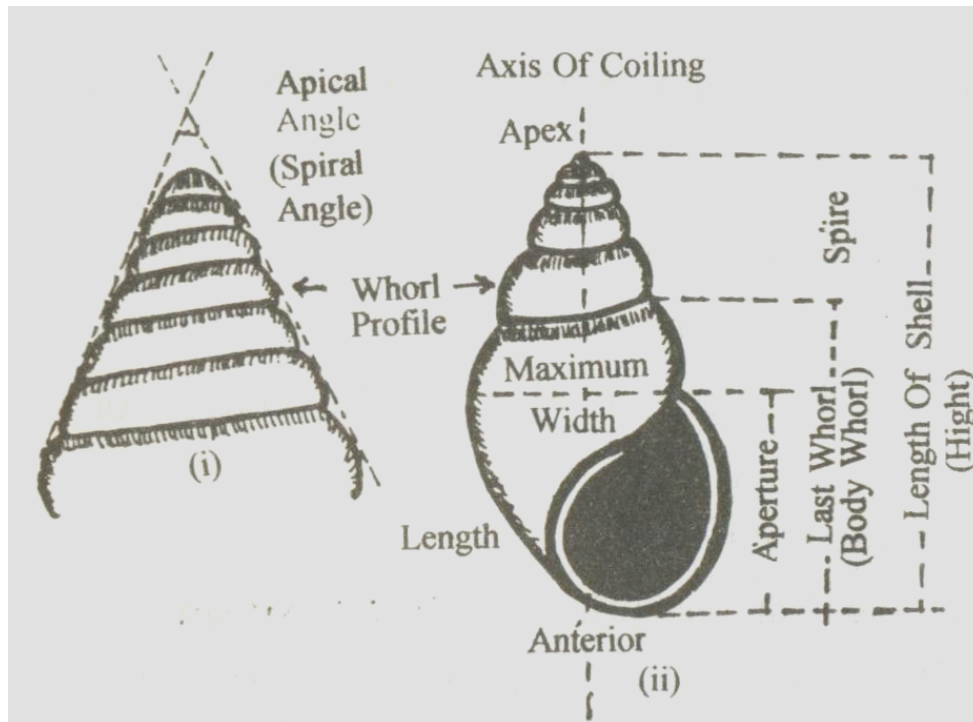
(a)

(b) Dharwar supergroup.

Rannibennur
Chitradurga
Bababudan

35.

(a)



Turritella- long spire, columella present, small body whorl, holostomatus

Cypraea- convolute shell, lips crenulated

(b) ptillophyllum = up Gondwana

Productus = brachiopod shell with long straight hinge line

36.

(a) Talchir group = oldest str. Unit of Gondwana

Age – lower carboniferous- upper Cretaceous

Marine influence= Umaria and Manendragarh

(b) Panjal volcanic and Dalma-Dhanjori volcanic resp.

37.

38.

(a) Moraine is the unstratified, unsorted debris deposited more or less in a random fashion by glacier.

Moraine is unsorted whereas esker is well- sorted.

(b)

39.

40.

(a)

Syn genetic	Epi genetic
These deposits are formed during the formation of enclosing rocks.	These deposits are formed after the formation of enclosing rocks.

Beach placer, Chatrapur, Ganjam, Odisha

(b)

41.

(a)

Gravity dam	Arc dam
Thrust on the foundation.	Thrust on the embankment.

Gravity dam

(b)

Aquiclude	Aquifuge
Porous and not permeab	