

## ITEMS

Sr. No.	Items Required	Total no.
1.	Thin section slides of Igneous, metamorphic, sedimentary slides	2
2.	<ul style="list-style-type: none"> <li>• Maps-Topographic Maps</li> <li>• Geological Maps</li> <li>• India geological map calendar size</li> <li>• Himachal geological map calendar size</li> </ul>	1 per/piece
3.	Brunton Compass	5
4.	Structural geology models- Dip, strike and pitch model	1
5.	Crystallographic Model <ol style="list-style-type: none"> <li>1. Cubic System</li> <li>2. Tetragonal System</li> <li>3. Orthorhombic System</li> <li>4. Trigonal System</li> <li>5. Hexagonal System</li> <li>6. Monoclinic System</li> <li>7. Triclinic System</li> <li>8. Calcite System</li> </ol>	6
6.	Polarizing Microscope	3+2
7.	Rock minerals: <b>Petrology</b> - size; 10*7.5*2cm (total 100 samples) <ol style="list-style-type: none"> <li>1. GRANITE GREY</li> <li>2. LIGHT PINK GRANITE</li> <li>3. MICRO GRANITE</li> <li>4. GRANITE PORPHYRY</li> <li>5. GRANITE PORPHYRY</li> <li>6. GRANITE PORPHYRY; Pink</li> <li>7. PEGMATITE</li> <li>8. PENCIL PEGMATITE</li> <li>9. PEGMATITE; Pink</li> <li>10. .ORTHOCLASE PEGMATITE</li> <li>11. .GRAPHIC GRANITE</li> <li>12. .GRANO DIORITE</li> <li>13. GABBRO</li> <li>14. DIORITE PORPHYRY</li> <li>15. DIORITE PORPHYRY with Hornblende and Epidote</li> <li>16. DIORITE PORPHYRY with a Chocolate Matrix</li> <li>17. DOLERITE</li> <li>18. .DOLERITE PORPHYRY</li> <li>19. LAMPROPHYRE</li> <li>20. AMPHIBOLITE</li> <li>21. HORNBLENDITE</li> <li>22. DUNITE</li> <li>23. . DUNITE; Granular Salem</li> <li>24. CHLORITE SCHIST</li> <li>25. CHLORITE SCHIST with Magnetite</li> <li>26. GNEISS</li> <li>27. BANDED BIOTITE GNEISS</li> <li>28. BANDED GNEISS</li> <li>29. HORNBLLENDE GNEISS</li> </ol>	1/sample

30. AUGEN GNEISS
31. GRANULITE
32. HYPERSTHENE GRANULITE
33. HIGH CALCIUM LIMESTONE
34. KANKARY LIMESTONE
35. NORITE
36. BRONZITE PERIDOTITE
37. FELSITE
38. FELSITE PORPHYRY
39. SLATE
40. MICA SCHIST
41. KYANITE SCHIST
42. TREMOLITE ACTINOLITE
43. QUARTZ KYANITE ROCK
44. BIOTITE SCHIST
45. CORUNDUM BEARING PEGMATITE
46. CORUNDUM BEARING PEGMATITE with Tourmaline
47. CORUNDUM KYANITE ROCK
48. QUARTZITE
49. QUARTZITE with Muscovite
50. HAEMATITE JASPER QUARTZITE
51. MAGNETITE HAEMATITE QUARTZITE
52. ALTERED ULTRA BASIC ROCK
53. SERPENTINE
54. SANDSTONE; Red
55. MICACEOUS SANDSTONE
56. MARL
57. GRIT
58. CONGLOMERATE
59. SHALE
60. CALCAREOUS SHALE
61. LIMESTONE
62. SHELL LIMESTONE
63. ANDALUSITE SCHIST
64. CHARNOCKITE
65. CHARNOCKITE GNEISS
66. LATERITE
67. TRAP
68. BASALT
69. BASALT with Zeolites
70. AMYGDALOIDAL BASALT
71. BASALT VESICULAR
72. TRACHYTE
73. SANDSTONE
74. ANORTHOSITE
75. SYENITE
76. MARBLE
77. HAEMATITE JASPER QUARTZITE
78. TALC Micas SCHIST
79. PHYLLITE
80. DOLORITE
81. GRANITE
82. FELSITE PORPHYRY
83. ULTRA BASIC ROCK
84. SERPENTINE

85. ANARTHOSITE
86. GNEISS
87. SILLIMANITE CORDIERITE GNEISS
88. SYNENITE GNEISS
89. SANDSTONE SPOTTED
90. Granite Porphyry
91. LEPTINITE
92. PUMICE (small pieces)
93. LIGHT PINK GRANITE
94. CONTORTED PINK GNEISS
95. Marble green
96. Marble stripped
97. Serpentine marble
98. Grey Corundum
99. Dolerite porphyry with hornblende
100. GRAPHIC GRANITE

Mineralogy size 7.5\*5cm

1. ACTINOLITE
2. AGATE-BLUIISH
3. AGATE-MOSS
4. AMETHYST
5. ANTHOPHYLLITE
6. ANDALUSITE
7. ARAGONITE
8. APOPHYLLITE
9. BARYTES
10. BARYTES ; REDDISH
11. BENTONITE
12. BLOODSTONE
13. CALCITE ; PINK
14. CHALCOPYRITE
15. CHLORITE
16. CHERT
17. CORUNDUM ; BLUIISH
18. CHALCEDONY
19. CORAL-RED
20. DOLOMITE ; GREY CRYSTALLINE
21. DOLOMITE IN ASBESTOS
22. FELDSPAR ; MICROCLINE
23. FELDSPAR ; ORANGE
24. FELDSPAR ; LABRADORITE
25. FELDSPAR ; MICROCLINE ; GREENISH
26. FELDSPAR ; PLAGIOCLASE ; GREY
27. FOSSILWOOD
28. FLINT; GREY
29. GALENA
30. GARNET CRYSTALS
31. GARNET PEBBLES
32. GEDRITE
33. GYPSUM ; SELENITE
34. HORNBLLENDE ; GREENISH
35. HAEMATITE
36. BANDED HAEMATITE JASPER
37. AGATE ; JASPER
38. HORNSTONE

	39. KYANITE ; BLADED BLUE 40. LIGNITE 41. LIMONITE 42. MANGANESE ORE ; PSILOMELANE 43. MICA ; MUSCOVITE 44. MICA ; BIOTITE 45. NATROLITE 46. .OPAL 47. OLIVINE 48. PYRITES ; CRYSTALS 49. QUARTZ ; ROSY	
8.	Hardness collection box- Moh's Scale of hardness	10
9.	Luster collection	1
10.	Cleavage collection	1
11.	Fracture collection	1
12.	Streak Plate	20
13.	Habit collection	1
14.	Pocket lens	10
15.	Plastic specimen tray	170

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