

Following is the list of articles required

Sr. No.	Items Required	Total no.	
1.	Thin section slides of Igneous, metamorphic , sedimentary slides	2	
2.	Brunton Compass	5	
3.	Crystallographic Model 1. Cubic System 2. Tetragonal System 3. Orthorhombic System 4. Trigonal System 5. Hexagonal System 6. Monoclinic System 7. Triclinic System 8. Calcite System	2	
4.	Rock minerals: Petrology- size; 10*7.5*2.5cm (total 100 samples) 1. GRANITE GREY 2. LIGHT PINK GRANITE 3. MICRO GRANITE 4. GRANITE PORPHYRY 5. GRANITE PORPHYRY 6. GRANITE PORPHYRY; Pink 7. PEGMATITE 8. PENCIL PEGMATITE 9. PEGMATITE; Pink 10. .ORTHOCLASE PEGMATITE 11. .GRAPHIC GRANITE 12. .GRANO DIORITE 13. GABBRO 14. DIORITE PORPHYRY 15. DIORITE PORPHYRY with Hornblende and Epidote 16. DIORITE PORPHYRY with a Chocolate Matrix 17. DOLERITE 18. .DOLERITE PORPHYRY 19. LAMPROPHYRE 20. AMPHIBOLITE 21. HORNBLENDITE 22. DUNITE 23. . DUNITE; Granular Salem 24. CHLORITE SCHIST	1/sample	

	25. CHLORITE SCHIST with Magnetite 26. GNEISS 27. BANDED BIOTITE GNEISS 28. BANDED GNEISS 29. HORNBLende GNEISS 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. CHARNOKITE 65. CHARNOKITE GNEISS 66. LATERITE 67. TRAP 68. BASALT 69. BASALT with Zeolites 70. AMYGDALOIDAL BASALT 71. BASALT VESICULAR		
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| | <p> 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 </p> | | |
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Mineralogy size 7.5*5cm(105 samples)

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| | <p> 1. ACTINOLITE
 2. AGATE-BLUIISH
 3. AGATE-BANDED
 4. AGATE-ZEBRA AGATE
 5. AMETHYST
 6. AMETHYST
 7. ANTHOPHYLLITE
 8. ANDALUSITE
 9. CHIASTOLITE (ANDALUSITE)
 10. ARAGONITE
 11. ASBESTOS-AMPHIBOLE; GREY </p> | | |
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| | <ol style="list-style-type: none">12. ASBESTOS-CHRYSTOTILE13. APOPHYLLITE; WHITE14. APOPHYLLITE-POINTED CRYSTAL15. BARYTES16. BAUXITE; PISOLITIC17. BLOODSTONE18. CALCITE; WHITE19. CALCITE; TRANSLUCENT20. CALCITE; PINK21. CALCITE; BLACK22. CHALCOPYRITE23. CHLORITE24. CHLORITE25. CHERT26. CHERT; BANDED27. COAL28. CORUNDUM; BLuish29. CORUNDUM; GREY30. CORUNDUM; DARK GREY31. CORUNDUM; DOUBLE TAPERED BARREL
CRYSTAL/S32. CORUNDUM; FLAT BARREL CRYSTAL/S33. CORUNDUM; CONES Karnataka34. CORUNDUM; GREENISH CRYSTALS35. CORUNDUM WITH PSEUDO CLEAVAGE36. CORUNDUM WITH PSEUDO CLEAVAGE37. CHALCEDONY38. CHALCEDONY ; STALACTITIC39. CORAL-RED40. CHROMITE41. CHROMITE IN SERPENTINE42. DIOPSIDE SMALL CRYSTALS43. DOLOMITE; GREY CRYSTALLINE44. EPIDOTE; CRYSTALS45. FELDSPAR; MICROCLINE; WHITE46. FELDSPAR (LABRADORITE)47. FELDSPAR; LABRADORITE48. FELDSPAR ; MICROCLINE ; GREENISH49. FELDSPAR ; MOONSTONE50. FELDSPAR ; PLAGIOCLASE ; GREY51. FELDSPAR ; PLAGIOCLASE ; WHITE52. BYTONITE53. FLINT ; BLACK54. GALENA55. GARNET ; DODECAHEDRAL CRYSTALS56. GARNET ; TRAPEZOHEDRAL CRYSTALS57. UVAROVITE IN DIOPSIDE | |
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| | <ul style="list-style-type: none">58. GRAPHITE59. GYPSUM; SELENITE60. .HAEMATITE61. . HAEMATITE ; MICACEOUS IRON ORE (SPECULAR IRON ORE)62. . HEULANDITE63. . HYPERSTHENE IN HYPERSTHENE GRANULITE64. . HORNBLende ; GREENISH65. . IOLITE ; CORDIERITE CRYSTALLINE PIECES66. . JASPER ; BANDED67. . BANDED HAEMATITE JASPER ; PEBBLES68. . JASPER ; YELLOWISH69. . MAGNETITE70. . OPAL71. . HORNSTONE72. . KYANITE ; BLADED BLUE73. . KYANITE ; MASSIVE74. . KAOLIN ; WASHED75. . LIGNITE76. . LIMONITE77. . LIMONITE ; RADIATING OR FIBROUS78. . MAGNESITE79. . MICA ; MUSCOVITE80. . MICA ; BIOTITE81. . MICA ; PHLOGOPITE82. . MICA MUSCOVITE WITH DENDRITIC MARKINGS83. . MOUNTAIN WOOD84. . NATROLITE85. . OLIVINE86. . OPHICALCITE87. . PYRITES ; CRYSTALS88. . PYRITES ; MASSIVE89. . QUARTZ ; MILKY90. . QUARTZ ; ROSY91. . QUARTZ ; ORANGE92. . QUARTZ ; TRANSPARENT93. . QUARTZ CRYSTAL AGGREGATE94. . QUARTZ ; SMOKEY95. . SILLIMANITE96. . STAUROLITE97. . STEATITE ; GREENISH YELLOW98. . TALC ; GREENISH ; FLAKY99. . TREMOLITE100. . TOURMALINE101. . VERMICULITE102. . YELLOW OCHRE103. . ZEOLITE | | |
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	104. . ZIRCON ; SMALL CRYSTALS 105. . CORUNDUM – RUBY		
5.	Hardness collection box- Moh's Scale of hardness	10	
6.	Luster collection	1	
7.	Cleavage collection	1	
8.	Fracture collection	1	
9.	Streak Plate	20	
10.	Habit collection	1	
11.	Pocket lens	10	
12.	Plastic specimen tray	210	

13. Monocular Petrographic Microscope . 10