**(Printed Pages 01)**

**Roll No. \_\_\_\_\_\_\_\_\_\_\_\_**

**BED - 1231**

**B. Ed. (I Semester) Examination, Dec.2018**

**EDUCATION**

**Knowledge & Pedagogy of School Subject:**

**Science**

*Time Allowed: Three Hours] [Maximum Marks: 70*

**Note:** Answer **all** questions.

**Q. 1.** Attempt any **six** of the following. **5\*6=30**

fuEufyf[kr esa ls fdUgha N% ds mRrj nhft,%

1. What are the aims of teaching science in schools?

fo|ky; esa foKku f”k{k.k ds D;k y{; gSa \

1. What do you understand by sciencetific attitude?

oSKkfud joS;s ls vki D;k le>rs gSa \

1. What are the features of a science library?

foKku iqLrkdy; dh D;k fo”ks’krk,¡ gSA

1. What is the importance of science laboratory in schools?

fo|ky esa foKku iz;ksx”kkyk dk D;k egRo gS\

1. What is Pressure?

nkc D;k gksrk gS\

1. What qualities are needed in a science teacher?

foKku f”k{kd esa dSls xq.k gksus pkfg,\

1. Define lesson plan.

ikB;kstuk dks ifjHkkf’kr dhft,A

1. What are the principles of using aids in science teaching?

foKku f”k{k.k esa lgk;d lkexzh mi;ksx djus ds D;k fl)kUr gSa\

**Q.2.** What is the meaning of science? Describe in detail the scope of science. **10**

foKku dk D;k vFkZ gS \ foKku dk {ks= foLrkj ls of.kZr dhft,A

**OR/vFkok**

What is the importance of science in school curriculum? Explain.

fo|ky; ikB~;p;kZ esa foKku dk D;k egRo gS \ Li’V dhft,A

**Q. 3.** What is Project Method in science teaching? What are the merits and limitations of Project Method? Explain in detail. **10**

foKku f”k{k.k esa ifj;kstuk fof/k D;k gksrh gS \ ifj;kstuk fof/k ds xq.k rFkk nks’k D;k gS \ foLrkjiwoZd Li’V dhft,A

**OR/vFkok**

Explain in detail the laboratory method of teaching science along with its merits and limitations.

foKku f”k{k.k esa iz;ksx”kkyk vk/kkfjr fof/k dh mlds xq.k rFkk nks’k lfgr foLr`r O;k[;k dhft,A

**Q. 4.** What is air? Explain in detail the physical and chemical properties of air. **10**

ok;q fdls dgrs gSa\ ok;q ds HkkSfrd vkSj jklk;fud xq.kksa dks foLrkj ls Li’V dhft,A

**OR/vFkok**

What reforms are needed in Science Curriculum of schools? Describe in details.

fo|ky;kas esa foKku ikB~;p;kZ esa fdu lq/kkjksa dh vko”;drk gSa\ foLrkj ls o.kZu dhft,A

**Q. 5.** What is the importance of Excursions in science teaching? Explain. **10**

foKku f”k{k.k esa Hkze.k dk D;k egRo gS\ Li’V dhft,A

**OR/vFkok**

What suggestions would you give for reforms in evaluation in science? Write in detail.

foKku esa ewY;kadu ds ifjizs{; esa vki fdu lq/kkjksa dk lq>ko nsaxs\ foLrkjiwoZd fyf[k,A