

M.Ed. Examination 2008-09

Subject Code: MED101

Paper ID:0501101

Philosophical & Sociological Foundation of Education

(शिक्षा के दर्शनशास्त्रीय एवं समाजशास्त्रीय आधार)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt five questions in all. All questions carry equal marks.

नोट: fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A
IHkh iz'uksa ds vad leku gSaA

(20 x 5 = 100)

1. "All educational questions are ultimately the questions of philosophy." Discuss.
f{k{kk IEcU/kh leLr iz'u vUrr% n'kZu ls IEcfU/kr gSA
foospuk dhft,A
2. Discuss some broad features of Naturalistic education with special reference to its aims, methods of teaching, curriculum and discipline.
izd`froknh f{k{kk dh dqN eq[; fo'ks"krkvksa dh mlDs mn~ns';ksa] f{k{k.k fof/k;ksa] ikB~;dze ,oa vuq'kklu ds lUnHkZ esa foospuk dhft,A
3. Describe the philosophy of Upanishadas?
mifu"knksa ds n'kZu dk o.kZu dhft,A
4. Highlight Plato's view on curriculum, method of teaching and aims and functions of education.
ikB~;dze f{k{k.k fof/k;kWa] rFkk f{k{kk ds mn~ns'; o dk;ksZ ds IEcU/k esa lysVks ds fopkjksa ij izdk'k Mkfy,A

5. Evaluate Mahatma Gandhi's philosophy of education bringing out his views on the meaning, aims of education, curriculum and methods of teaching.
f{k{kk ds vFkZ] mn~ns';ksa] ikB~;dze ,oa f{k{k.k fof/k;ksa dks Li"V djrs gq, egkRek xkWa/kh ds f{k{kk n'kZu dk ewY;kadu dhft;sa
6. What do you understand by social change? How far does education initiate and follow social change?
Lkkeftd ifjorZu ls vki D;k le>rs gSa\ f{k{kk lkekftd ifjorZu dks dgkWa rd izkjEHk vkSj dgkWa rd mldk vuqxu djrh gSaA
7. Discuss the relationship between education and social mobility. What factors affect the social mobility?
f{k{kk vkSj lkekftd xfr'khyrk ds IEcU/k dh foospuk dhft;sa lkekftd xfr'khyrk dks dkSu ls ?kVd izHkkfor djrs gSa\
8. What are the aims of the education in a democracy? Is the present day education system in the country fulfilling those aims?
iztkraa= esa f{k{kk ds D;k mn~ns'; gksrs gSa\ D;k Hkkjr dh orZeku f{k{kk iz.kkjh mu mn~ns';ksa dh iwfrZ dj jgh gS\
9. Discuss briefly the factors which have demonstrated the sign of our national disintegration. Can they be checked by the right type of education? If so, how?
mu dkjdxsa dh foospuk dhft,] ftUgksus gekjh jk"V~zh; ,drk dks fo?fVr djus esa lg;rk nh gSA D;k budks mfpr izdkj dh f{k{kk ls jksdk tk ldrk gS\ ;fn gkWa rks dSls\
10. Why it is need for developing international understanding through education the greatest today? How it could be done?
f{k{kk ds }kjk vUrjZ"V~zh;rk dh le> dk fodkl vk/kqfud le; esa lcls vf/kd vko';drk D;ksa gS\ ;g fdl izdkj fd;k tk ldrk gS\

M.Ed. Examination 2008-09

Subject Code: MED102

Paper ID:0501102

Psychological Foundation of Education

(शिक्षा का मनोवैज्ञानिक आधार)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt five questions in all. All questions carry equal marks.

**नोट: fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A
IHkh iz'uksa ds vad leku gSaA**

(20 x 5 = 100)

1. Define educational psychology and describe scope of educational psychology.
f'k{k euksfoKku dks ifjHkkf"kr dhft, ,oa f'k{k euksfoKku ds {ks= dk o.kZu dhft,A
2. What are the main stages of Human Development and discuss factors influencing development.
fodkl dh dkSu&dkSu lh voLFkk,sa gSa ,oa fodkl dks izHkkfor djus okys dkjds ds ckjs esa foospuk dhft,A
3. Describe the theory of cognitive development of Piaget in detail?
fi;kts ds laKkukRed fodkl ds fl)kUr dk Li"V o.kZu dfj;sA
4. Describe different theories of learning in short.
lh[kus ds fofHkUu fl)kUrksa dk la{ksi esa o.kZu dhft,A
5. What do you mean by group dynamics? Discuss in detail.
vki lewg xfr'khyrk ds ckjs esa D;k tkurs gSa\ foLrkj ls foospuk dhft;sA
6. What do you mean by intelligence? Describe Guilford's theory of intelligence? .

cqf) ls vki D;k le>rs gSa\ fxyQkWMZ dh fl)kUr ds ckjs esa o.kZu dhft,sA

7. What do you know about different theories of personality? Describe in short.
O;fDrRo ds fofHkUu fl)kUr ds ckjs esa vki D;k tkurs gSa\ la{ksi esa o.kZu dhft,A
8. Discuss how do you assess personality and discuss any personality test in detail?
vki O;fDrRo dk dSls eqY;kadu djrs gSa ,oa fdlh ,d O;fDrRo ijh{k.k ds ckjs esa foLrkj ls foospuk dhft,A
9. What do you mean by creativity? What measures should be taken for education of creative children?
vki l`tukRedrk ls D;k le>rs gSa ,oa l`tukRed ckydks dh f'k{k ds fy, vki D;k&D;k mik; viuk;saxsA
10. Write short notes on any two of the following:
 - i) Compare classical conditioning theory and operant conditioning theory.
 - ii) Humanistic approach of Maslow.
 - iii) Nature of educational psychology
 - iv) Differentiate between growth and development.fuEufyf[kr esa ls fdUgh nks dk laf{klr o.kZu dhft, %
 - v) vf/kxe dh Dykfldy vuqcU/ku fl)kUrks rFkk fdz;k izlwr fl)kUr esa vUrj dh rgyuk dhft,A
 - c) eSlykW dh ekuorkoknh mikxeA
 - l) f'k{k euksfoKku dh izd`fra
 - n) c`f) ,oa fodkl esa vUrj Li"V dhft,A

M.Ed. Examination 2008-09

Subject Code: MED103

Paper ID:0501103

Methodology of Educational Research

(शिक्षण अनुसंधान की विधियाँ)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt any five questions selecting at least two questions from each section. All questions carry equal marks.

नोट: fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A izR;sd [k.M ls nks iz'uksa dk mRrj nsuk vfuok;Z gSAIHkh iz'uksa ds vad leku gSaA

(20 x 5 = 100)

Section-A (खण्ड-अ)

1. How is research different from various methods by which man from the earliest time sought to answer the problem? Discuss the characteristics of educational research. (14+6)
viuh leL;kvksa ds mRrj izklr djus ds fy, euq"; izkphu dky ls ftu fof/k;ksa dk iz;ksx djrk vk jgk gS] vuqlU/kku mlis fdl izdkj fHkUu gS\ vuqlU/kku dh fo'ks"krkvksa dh foospuk dhft,A
2. a) What are the sources of research problem? Discuss the criteria for the selection of a problem. (12)
vuqla/kku leL;k ds lzksr D;k gS\ leL;k ds pquko dh dlkSfV;ksa dh foospuk dhft,A
- b) How does related literature help in evolving conceptual framework? IEcfU/kr lkfgR; IEizR;kRed <kapf fodflr djus esa fdl izdkj lgk;rk djrk gSA (8)
3. a) Clarify the following terms: (5x3)
 - i) Sampling frame and sampling unit

- ii) Sampling error
- iii) Probability and non-probability sample
fuEufyf[kr inksa dks Li"V dhft,A
- v) U;kn'kZu <kapf ,oa U;kn'kZu bdkbZ
- c) U;kn'kZu =qfV
- l) izkf;drk ,oa vizkf;drk U;kn'kZ

- b) What steps would you take to reduce sampling error? (5)
U;kn'kZu =qfV dks de djus gsrq vki D;k djsaxs\
4. Define experiment. Explain internal and external validity of research design. Name any three experimental designs and describe advantages and disadvantages of any one. (3+8+3+6)
iz;ksx dks ifjHkkf"kr dhft,A izk;ksfxd vfHkdYi dh vkUrfjd ,oa ckg~; oS|rk dh O;k;k dhft,A fdUgha rhu izk;ksfxd vfHkdYiksa ds uke fyf[k, rFkk fdlh ,d dk ykHk ,oa nks"kkksa dk o.kZu dhft,A
5. How does an attitude scale differ from questionnaire? Discuss by giving example the steps of constructing a questionnaire? (5+15)
vfHko`fr ekiuh] iz'ukoyh ls fdl izdkj fHkUu gS\ mnkgj.k nsrs gq, iz'ukoyh fuekZ.k ds inksa dh foospuk dhft,A

Section-A (खण्ड-अ)

1. a) When should parametric test be used? (5)
izkpfyd lkaf[;dh dk iz;ksx dc fd;k tkuk pkfg,\
- b) Given below are the statistics of two samples. Test the hypothesis that the two are drawn from the same population. (15)
nks izfrn'kksZa ds fy, fuEufyf[kr lkaf[;dh nh xbZ gSA bl ifjYiuk dk ijh{k.k dhft, fd nksuks izfrn'kZ ,d gh tula[;k ls fy, x;s gSaA

Sample I	Sample II
izfrn'kZ I	izfrn'kZ II

N	100	150
M	50	58
S.D.	10	12

2. a) What are the assumptions of ANOVA? (6)
 izlj.k fo'ys" k.k dh ekU;rk;sa D;k gS\
- b) A teacher decides to fail 25% students of the class. Examination marks are normally distributed with a mean of 72 and standard deviation of 6. What minimum marks must a student get to pass? (14)

,d v;/kid d{k ds 25% fo|kFkZ;ksa dks vuqRrh.kZ djus dk fu.kZ; ysrk gSA ijh{k ds vad lkekU; ;i ls forjR gSa] ftldk e;/eku 72 rFkk ekud fopyu 6 gSA mRrh.kZ gksus ds fy, Nk= dks de ls de fdruk vad izklr djuk pkfg,A

8. a) When should test be used? (6)
 ijh{k.k dk iz;ksx dc djuk pkfg,A
- b) The following table shows ratings of 100 teachers as successful or unsuccessful on teaching and pass or fail on an ability test. Does the ability test differentiate significantly between successful and unsuccessful teachers? (14)

	Ability Test	
	Fail	Pass
Successful	20	40
Unsuccessful	25	15

fuEufyf[kr rkfydk 100 v;/kidksa dh f'k{k.k esa IQy vFkok vIQy gksus dh jsfVax rFkk ;ksX;rk ijh{k.k ij mRrh.kZ ,oa vuqRrh.kZ dks n'kZrh gSA D;k ;ksX;rk ijh{k.k] IQy ,oa vIQy v;/kidksa esa lFkZd ;i ls Hksn djrk gS\ ;ksX;rk ijh{k.k

	vuqRrh.kZ	mRrh.kZ
IQy	20	40
vIQy	25	15

9. What do you mean by correlation? Calculate product moment correlation coefficient from the data given below: (5+15)
 lglEcU/k ls vki D;k le>rs gSa\ uhps fn;s x;s vkadMksa ls xq.ku vk?kw.kZ fof/k ls lglEcU/k dh x.kuk dhft, %

X	Y
5	1
10	6
5	2
11	8
12	5
4	1
3	4
2	6
7	5
1	2

10. What is historical research? What are primary and secondary sources of historical data? Discuss their internal and external criticism. (20)
 ,sfrgkfld vuqla/kku D;k gksrk gS\ ,sfrgkfld iznRrksa ds izkFkfed ,oa f}rh;d lzksr D;k gS\ mudh vkUrfjd ,oa ckg-; vkykspuk dh foospuk dhft,A

M.Ed. Examination 2008-09

Subject Code: MED111

Paper ID:0501111

Education Technology

(शिक्षण तकनीकि)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt any five questions in all. All questions carry equal marks.

नोट: **fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A IHkh iz'uksa ds vad leku gSaA**

1. Discuss the meaning and objectives of educational technology. Support your answer with suitable examples.
'kSf{k{kd rduhfd ds mn~ns';ksa ,oa vFkZ dh foospuk dhft,A mi;qZDr mnkgj.k ds lkFk mius mRrj dks Li"V dhft,A
2. Explain class room communication. Specify the characteristics of its five components: sender, media, message, receiver and feedback.
d{k{kxr lEizs"k.k dh O;k;k dhft,A lEizs"k.k ds ikWap izeq[k rRo ;Fkk & lEizs"kd] ek;/e] lans'k] lans'k izklrdkZ rFkk iqu%cyZd dh fo'ks"krkvksa dks Li"V dhft,A

3. Differentiate between model and method of teaching. Enumerate the elements of a model of teaching. Describe advance organizer model of teaching.
f'k{k{kd izfreku rFkk f'k{k.k fof/k esa vUrj crkb;sa f'k{k.k izfreku ds rRo fxukb;s rFkk ,Mokal vkjxsukbtj izfreku dk o.kZu dhft,A
4. Describe the encoding and decoding procedure of Flanders interaction analysis technique. Indicate its advantages and disadvantages.
Q~yS.MIZ vUr%fdz;k fo'ys"k.k dh vkys[ku rFkk v/khiu dh izfdz;k dk o.kZu dhft, bl izfof/k dh fo'ks"krkvksa ,osa lhekvska dks Hkh crkb;sa
5. Compare linear and branching programme with reference to origin principle, theory, form structure, role of error, feedback and advantages.
js[kh; rFkk 'kk[kh; vfHkdzfer vuqns'ku esa ewyL=ksr vf/kfu;e] fl)kUr] in dk Lo:i] =qfVdh Hkwfedk i'"Biks"k.k rFkk fo'ks"krkvksa ds vk/kkj ij rqyuk dhft,A
6. Differentiate between simulated teaching and class room teaching. Describe the procedure for organizing simulated teaching.
vuqdj.kh; f'k{k.k o d{k{kxr f'k{k.k esa D;k vUrj gS\ vuqdj.kh; f'k{k.k dh O;oLFkk dh izfdz;k dk o.kZu dhft,A
7. In present context, give the importance of open learning system.
orZeku ds lanHkZ esa eqDr vf/kxe iz.kkyyh ds egRo dks fy[ksaA
8. What are the main agencies of education? Explain formal, informal and non-formal education with suitable example.
f'k{k{kk ds izeq[k vfHkdj.k D;k gS\ vkSipkfjd vukSipkfjd rFkk vkSipkfjdsrj f'k{k{kk dks mnkgj.k lfgR le>kb;sa

9. What is CAI? Explain role of CAI in training of teachers as well as students.
CAI D;k gS\ CAI dh f'k{k d izf'k{k.k o Nk=ksa ds fy, Hkwfedk dk o.kZu dhft,A
10. Write notes on any two:
- Difference between Hardware and Software Technology.
 - Criteria of Teaching Effectiveness
 - Educational Implication of Teleconferencing.
- fuEufyf[kr esa ls fdUgh nks ij fVli.kh fyf[k, %
- v) dBksj o e`nq rduhfd esa vUrj crkb;SA
 - (c) f'k{k.k izHkko'khyrk ds ekunaMA
 - (l) VSyhdkSUQzsfUlx dh 'kSf{k d mikns;rkA

- Define guidance. Discuss the need of guidance in Indian schools.
funsZ'ku dks ifjHkkf"kr dhft,A Hkkjrh; Ldwyksa esa funsZ'ku ds vko';drk dh foospuk dhft,A
- Explain the role of teacher in vocational, educational and personal guidance.
O;kolkf;d] 'kSf{k d vkSj O;fDrxr funsZ'ku esa f'k{k d ds drZO;ksa dk o.kZu dhft,A
- Discuss aims and principles of educational guidance. What steps would you follow while imparting educational guidance?
'kSf{k d funsZ'ku ds mn~ns'; rFkk fl)kUrksa dh foospuk dhft,A vki 'kSf{k d funsZ'k nsrs le; fdu&fdu pj.kksa dk vuqqlj.k djsaxsA
- Explain the vocationalization of secondary education. How would you guide secondary level students in their career development?
ek?;fed f'k{k d O;kolkf;d]k dk o.kZu dhft,A thfodksiktZu ds fodkl esa ek;/fed Lrj ds fo|kfFkZ;ksa dk funsZ'ku dSls djsaxs\
- Who are special needs children? Explain the role of teacher in guiding children with special needs.
fo'ks"k vko';drk okys cPps dkSu gksrs gSa\ fo'ks"k vko';drk okys cPpksa ds funsZ'ku esa f'k{k d ds drZO;ksa dk o.kZu dhft,A
- What are the characteristics of good counseling? How will you do counseling of students in group?
vPNs ijke'kZ ds fl)kUr D;k gS\ vki lewg esa fo|kfFkZ;ksa dk ijke'kZ dSls djsaxs\
- Explain the principles of group guidance and advantages of group guidance.
Lkgwg funsZ'ku ds fl)kUrksa vkSj ykHkksa dk o.kZu dhft,A

M.Ed. Examination 2008-09

Subject Code: MED112

Paper ID:0501112

Guidance and Counseling

(निर्देशन एवं परामर्श)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt any five questions in all. All questions carry equal marks.

नोट: fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A IHkh iz'uksa ds vad leku gSaA

Supplementary M.Ed. Examination 2009-10

Course Code: MED102

Paper ID: X501102

Psychological Foundation of Education

(शिक्षा का मनोवैज्ञानिक आधार)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt any five questions in all. All questions carry equal marks.

नोट: **fuEufy[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A
IHkh iz'uksa ds vad leku gSaA**

(20 x 5 = 100)

8. How will you evaluate the guidance programme of secondary school.
Ekk;/fed fo|ky; ds funsZ'ku dk;Zdze dk eqY;kdu vki dSls djsaxs\
- 9 (a) How tests of intelligence are useful in guidance and counseling?
funsZ'ku ,oa ijke'kZ esa cqf) ifj{k.k dSls mi;ksxh gS\
- (b) Why tests results are important in guidance programme?
ijh{k.k ds ifj.kke] funsZ'ku dk;Zdze es dSls egRoiv.kZ gS\
10. Write notes on the following:
- (a) Psychological foundation of adjustment
- (b) Role of perception in Adjustment
fuEufy[kr ij fVli.kh fyf[k, %
- (v) lek;kstu dk euksoSKkfud vk/kkj
- (c) lek;kstu esa izR;{khdj.k ds dk;Z

1. Define educational psychology and discuss its contribution to education.
f'k{kk euksfoKku dks ifjHkkf"kr dhft, ,oa euksfoKku dh f'k{kk esa ;ksxnku ds ckjs esa foospuk dhft,A
2. Discuss the stages of human development.
Ekkuo fodkl dh voLFkkvksa dk foospuk dhft,A
3. Discuss Skinner's theory of learning.
fLduj ds vf/kxe fl)kUr dk foospuk dhft,A
4. What do you mean by group dynamics? Explain sociometric grouping.
vki legg cy ds ckjs esa D;k tkurs gSa\ ,oa lektfevr ds ckjs esa O;k[k;k dhft,A
5. What do you mean by intelligence? Describe any one method of measuring intelligence.
cqf) ls vki D;k le>rs gSa\ cqf) ds ekiu dh fdh ,d fof/k dk o.kZu dhft,A
6. Describe Guilford's theory of intelligence.

fxYQkWMZ ds cqf) fl)kUr ds ckjs esa o.kZu dhft,sA

7. What do you know about different theories of personality? Describe in short.

O;fDrRo ds fofHkUu fl)kUr ds ckjs esa vki D;k tkurs gSa\ la{ksi esa o.kZu dhft,A

8. Discuss personality tests in detail.

O;fDrRo ijh{k.k dksa foLrkj ls foospuk dhft,A

9. What do you mean by creativity? How to you guide the creative students?

vki l`tukRedrk ls D;k le>rs gSa ,oa mu ckydks dks dSls ekxZn`kZu djsxsa\

10. Write short notes on any two of the following:

- (a) Scope of educational psychology
(b) Piaget theory of cognitive development
(c) Humanistic approach
(d) Thematic Apperception Test (TAT).

fuEufyf[kr esa ls fdUgh nks dk laf{klr o.kZu dhft, %

- ¼v) f`k{kk euksfoKku dk {ks=A
¼c) fi;kts ds laKkukRed fl)kUrA
¼l) ekuorkoknh mikxeA
¼n) fo`k;&vkReckS/ku ijh{k.kA

Supplementary M.Ed. Examination 2009-10

Course Code: MED103

Paper ID:0501103

Methodology of Educational Research

(शिक्षण अनुसंधान की विधियाँ)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt any five questions selecting at least two questions from each section. All questions carry equal marks.

नोट: fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A izR;sd [k.M ls nks iz'uksa dk mRrj nsuk vfuok;Z gSAIHkh iz'uksa ds vad leku gSaA

(20 x 5 = 100)

Section-A (खण्ड-अ)

1. Write brief notes on the following: (5x4=20)
fuEufyf[kr ij laf{klr fVli.kh fyf[k,&

- a) Interdisciplinary approach in educational research.
'kSf{kd vuqla/kku esa vUrj&vuq'kkIfud mikxeA
- b) Need and importance of educational research.
'kSf{kd vuqla/kku dh vko';drk ,oa egRoA
- c) Limitations of educational research.
'kSf{kd vuqla/kku dh lhek;saA
- d) Priorities in the field of educational research in India.
Hkkjr esa 'kSf{kd vuqla/kku ds {ks= esa izkFkfedrk;saA
2. a) Is it necessary to formulate hypothesis in every type of research? Justify your answer with the help of examples. (8)

D;k izR;sd rjg ds vuqla/kku esa ifjdYiuk dk fuekZ.k vko';d gS\ mnkgj.kksa dh lgk;rk ls vius mRrj dk vkSfpR; LFkkr dhft,A

b) How is research question different from hypothesis? (6)
'kks/k iz'u] ifjdYiuk ls fdl izdkj fHkUu gksrk gS\

c) What are the characteristics of a good hypothesis? (6)
vPNh ifjdYiuk dh D;k fo'ks"krk;sa gksrh gS\

3. a) What do you mean by randomization? What are its advantages? (5)
;kn`fPNdj.k ls vki D;k le>rs gSa\ blds D;k ykHk gSa\

b) Clarify the following sampling techniques and discuss them by giving examples when should these be used? (5x3=15)

fuEufyf[kr U;kn`kZ fof/k;ksa dks Li"V dhft, rFkk mnkgj.k nsrs gq, foospuk dhft, fd dc budk mi;ksx fd;k tkuk pkfg;s&

i) Stratified random sampling.
Lrfjr ;kn`fPNd U;kn`kZu

ii) Cluster sampling
xqPN U;kn`kZu

iii) Incidental sampling
vkdfLed U;kn`kZu

4. What is historical research? What are primary and secondary sources of historical data? Discuss their internal and external criticism. (20)

,sfrgkfld vuqla/kku D;k gksrk gS\ ,sfrgkfld iznRrksa ds izkFkfed ,oa f}rh;d lzksr D;k gSa\ mudh vkUrjhd ,oa ckg~; vkyspuk dh foospuk dhft,A

5.a) What criteria will you adopt for selecting a tool for data collection selecting a tool for data collection? What are advantages and limitations of interview? (7+7)

iznRr ladu gsrq vki midj.k ds pquko dh D;k dlkSVh viuk;saxs\ lk{kkRdkj ds ykHk ,oa lhek;sa D;k gS\

b) Clarify the concept of ethnographic research. (6)
bFkuksxzkd vuqla/kku ds IEizR;; dks Li"V dhft,A

Section-B (खण्ड-ब)

6. a) The mean scores of boys and girls, selected randomly, on a personal adjustment inventory were compared. Test the null hypothesis that there is no significant difference between the scores at 0.01 level of significance.

yMds ,oa yMfd;ksa] ftudk pquko ;kn`fPNd rjhds ls fd;k x;k] dh rgyuk oS;fDrd lek;kstu ds e/;eku vadksa ij dh x;hA bl 'kwU; ifjdYiuk dk ijh{kD lKFZdrk ds 0.1 Lrj ij dhft, fd muds vadks esa lKFkZd vUrj ugha gSA

	Boys yMds	Girls yMfd;kWa
M	9.00	14.00
S.D.	4.52	4.43
N	10	12

(15)

b) When should non-parametric statistics be used? (5)
vizkpfyd lkaf];dh dk iz;ksx dc fd;k tkuk pkfg,\

7. a) Discuss the nature of educational data? (8)
'kSf{kD iznRrksa ds izd`fr dh foospuk dhft;;A

b) Describe various scales of measurement. (12)
ekiu dh fofHkUu ekifu;ksa dk o.kZu dhft,A

8. a) What are the characteristics of normal probability curve? (6)
lkekU; IEHkkO;rk odz dh D;k fo'ks"krk;sa gksrh gSa\

f'k{kk ugha		
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c) Given below are the data for two age groups. Assuming normality calculates how many of the 11 year olds do better than the average 14-year old and how many of the 14 year olds do worse than the average 11 year olds. (14)

nkss vk;q lewgksa ds fy, vkadMs uhps fn;s x;s gSaA lkekU; forj.k ekurs gq, x.kuk dhft, fd 14&o"KZ vk;q lewg okyksa ds vkSlr ls 11&o"KZ vk;q lewg ds fdus cPps vPNk dj jgs gSa rFkk 14& o"KZ vk;q lewg okys fdus cPps 11&o"KZ vk;q lewg ds vkSlr ls [kjkc dj jgs gS&

	11-year group 11&o"KZ dk lewg	14-year group 14&o"KZ dk
lewg		
M	48.00	56.00
S.D.	8.00	12.00
N	500	800

9. a) What are the uses of Σ^2 ? (6)

Σ^2 ds D;k mi;ksx gSA

b) From the following data find out whether any relationship exists between completing the course in driver's education and accidents. (14)

uhps fn;s x, vkadM+ks ls irk dhft, fd D;k pkyd dh f'k{kk dk dkslZ iwjk djus rFkk nq?kZVuk esa fdlh izdkj dk IEcU/k gS\

	Accidents occurred nq?kZVuk ?kfVr	No accident dksbZ nq?kZVuk ugha
Driver's Edu. Pkkyd dh f'k{kk	44	10
No education Pkkyd dh	81	35

M.Ed. Examination 2009-10

Subject Code: MED111

Paper ID:0501111

Education Technology (शिक्षण तकनीक)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt any five questions in all. All questions carry equal marks.

नोट: fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A IHkh iz'uksa ds vad leku gSaA

- Define the term 'Educational Technology' comprehensively. Enumerate characteristics and aspects of educational technology. Indicate its scope in our education. (5+15)
f'k{kk rdfudh dh ,d O;kid ifjHkk"kk nhft;sA f'k{kk rdfudh dh fo'ks"rkvksa rFkk eq[; i{kks dks crkb;sA viuh f'k{kk esa blds {ks= dk o.kZu dhft,A

2. Difference between media and method. Describe 'Information Theory' and mass media in Education. (10+10)
Ekk;/e o f'k{k d fof/k esa vUrj crkb;sA lwpuk fl)kUr rFkk f'k{k esa tulapkj ek;/e dk o.kZu dhft,A
3. Enumerate the phases of teaching and describe the various operation and activities involved in these phases.
f'k{k d dh voLFk vkksa dks fxukb;s rFkk bu lHkh voLFk vkksa dh fufgr fdz;kvksa dk o.kZu dhft,A
4. What are the different types of interaction analysis by talking an example of Flander's classroom interaction analysis? Give feedback to a teacher for modification of his behavior. (5+15)
fofHkUu izdkj ds vUr%fdz;k fo'ys" k.k D;k&D;k gS\ Q~ysUMj ds d{k vUr%fdz;k fo'ys" k.k dk ,d mnkgj.k yrsr gq;s ,d v/;kid dks mlds O;ogkj esa lq/kkj ds fy;s i" Biks"kd nhft,A
5. Explain the term Evaluation. Describe the role of computer in assessment and evaluation of students. (5+15)
ewY;kadu izR;; dh O;k;k dhft,] Nk= dh ij[k o ewY;kadu esa dEl;wVj dh Hkwfedk dk o.kZu djsaA
6. What is programmed instruction? What are the basic principles? In what ways linear programmed instruction, differ from branching programme instruction? (5+5+10)
vfHkdzfer vuqns'ku D;k gS\ bls izeq[k fl)kUr dkSu&dkSu ls gS\ js[kh; vfHkdzfer vuqns'ku fdl izdkj 'kk[kh; vfHkdzfer vuqns'ku ls fHkUu gS\
7. Discuss the importance and use of radio television and VCR in teaching training in school subjects. Support your answer with examples. (20)
fo|ky; ds fofHkUu fo" k;ksa esa f'k{k d izf'k{k.k gsrq jsfM;ks] Vsyhfoto] oh0lh0vkj0 ds egRo dh O;k;k djsaA vius mRrj dh iqf"V mnkgj.k ds lFk dhft;sA

8. Explain the term instructional design. Describe process of system Analysis and indicate its use in our education. (5+15)
vuqns'ku izk:i dk vFkZ le>kb;s] rFkk f'k{k esa bldh mikns;rk Hkh crkb;sA
9. Differentiate between Computer Assisted Instruction (CAI) and Computer Manager Instruction (CMI). Describe the use of computer in teaching, diagnosis and remediation. (10+10)
dEl;wVj lq;k;d vuqns'ku CAI rFkk dEl;wVj izcU/k vuqns'ku CAI es vUrj crkb;sA f'k{k d] funku rFkk lq/kkj esa dEl;wVj dk mi;ksx le>kb;sA
10. Write notes on any two:
(a) Problems of new technology.
(b) Criteria of teaching effectiveness
(c) Objective of task analysis.
fuEufy[kr esa ls fdUgh nks ij fvli.kh fyf[k, %
(v) uohu rdfudh dh leL;k;saA
(c) f'k{k.k izHkkfodr ds ekun.MA
(l) dk;Z fo'ys" k.k ds mn~ns';A

M.Ed. Examination 2008-09

Subject Code: MED112

Paper ID:050112

Guidance and Counseling (निर्देशन एवं परामर्श)

Time: 3 Hours

Max. Marks: 100

Max Marks: 75

Note: Attempt any five questions in all. All questions carry equal marks.

नोट: fuEufyf[kr esa ls fdUgh ikWap iz'uksa ds mRrj nhft,A
IHkh iz'uksa ds vad leku gSaA

1. What do you understand by term guidance? Discuss the problems of guidance in schools.
funsZ'ku 'kCn ls vki D;k le>rs gSa\ Ldwyks esa funsZ'ku dh leL;kvksa dh foospuk dhft,A
2. What is vocational guidance? Discuss the duties of guidance worker in school related with vocational guidance.
O;kolkf;d funsZ'ku D;k gS\ Ldwy esa funsZ'ku drkZ ds O;kolkf;d f'k{k ls IEcfU/kr dk;ksZ dh foospuk dhft,A
3. Discuss the educational guidance with its curriculum and classroom learning.
'kSf{kd funsZ'ku dks bls ikB~;dze vkSj d{k es lh[kus ds lkFk foospuk dhft,A
4. What are the purposes of vocational guidance? What factors are important in vocational guidance?
O;kolkf;d funsZ'ku ds D;k mn~ns'; gS\ O;kolkf;d funsZ'ku esa eq[; dkjd D;k gS\
5. Define children with special needs what educational provisions will you make for under achievers?
fo'ks"k vko';drk okys cPpksa dks ifjHkkf'kr dhft,A fuEu izklr djus okys dks vki D;k 'kSf{kd lqfo/kk, nsaxsA
6. What are the principles of counseling? Differentiate between directive and non-directive counseling.
ijke'kZ ds fl)kUr D;k gS\ funsZ'kh; ijke'kZ vkSj vfunS'kh; ijke'kZ esa vUrj Li"V dhft,A

7. Discuss the procedure of group guidance.
leqq funsZ'ku dh fof/k;ksa dk o.kZu dhft,A
8. Discuss the concept and types of information service.
lwpuk lsok ds izR;; rFkk izdkjksa dh foospuk dhft,A
9. a) What are the use of tests in guidance and counseling?
funsZ'ku ,oa ijke'kZ esa ijh{k.k dk iz;ksx D;k gS\
b) Discuss the methods of measuring interest.
:fp;ksa dks ekus dh fof/k;ksa dh foospuk dhft,A
10. Write notes on the following:
(a) Role of motivation in adjustment
(b) Principles of mental hygiene
fuEufyf[kr ij fVli.kh fyf[k, %
(v) lek;kstu esa vfHkizsj.kk ds dk;ZA
(c) ekafld LokLFk; ds fl)kUrA

