

Appendix II – MISIC

MISIC : Record Booklet

I - INFORMATION TEST

DIRECTIONS :

- * Read each question as stated and in the order given.
- * If responses are not clear it is permissible to say : explain more, tell me more about it, or some such neutral non-leading
- * Questions 1-5 are used for those below 8 years or suspected mental defectives.
- * Acceptable answers are indicated in parentheses.
- * Discontinue after five consecutive failures.

- How many ears do you have ?.....
- What do you call this finger (show thumb) ?.....
- How many legs does a dog have?(how many legs has a dog?).....
- Which animal gives us milk ?.....
- How do we boil water? (apply heat etc.)
- Where will you go to buy sugar (ribbons-girls) ? (market, kirana, local shop's name etc.).....
.....
- How many paise are there in a rupee ?.....
- How many days are there in a week ?.....
- Where does the Sun set ?.....
- What are the seasons of the year in India ? (at least cold, hot, rainy).....
.....
- Which is the top or upper colour of the flag of our country ? (red, orange etc.).....
- When do we celebrate Independence Day ? (if too close, substitute - what do we celebrate on August, 15?).....
- What is the color of a pearl ? (white).....
- What is the work of the stomach ? (mixes, grinds, digests).....
- Why do we honour Gandhiji as the Father of India ? (independence, labours).....
.....
- Why does oil float on water ? (lighter).....
.....
- What was the capital of old Moghul empire ? (Agra, Delhi).....
- What is sanskrit ? (imply ancient or sacred Indian language).....
.....
- How tall is the average (ordinary) Indian man ? (5 ft 4 inches - 3 inch leeway).....
.....
- In what part of the world do we find India ? (Asia, Norther or Eastern Hemisphere).....
.....
- What is our national anthem ? (Jana gana mana).....

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22. Where is Singapore ? (Malayasia, S. E. Asia, near Borneo, Australia etc.).....
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23. How many thousands are there in a lakh ?.....
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24. Who was the first European or foreign invader to come into India ? (Alexander, Vasco-de-Gama).....
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25. What is the distance between Bombay and Calcutta ? (1000-1300 miles).....
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26. What is a Barometer ? (measures air pressure, heights, predicts weather).....
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27. What (or why) do we celebrate on Republic Day ? (constitution, abolition of monarchy, notional independence not enough).....
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28. How do we get kerosene ? (imply process from crude oil).....
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29. What was Genghis Khan ? (Chinese or Mongol - not Moghul - ruler).....
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30. What is the meaning of V. P. P. ? (Value Payable Parcel, or a correct description of it).....
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DIRECTIONS :

- * Read each question as stated and in the order given.
- * Repeat questions if needed and encourage with remarks such as "yes, go ahead".
- * In case additional credited reasons are expected as in 6-14 say "yes, and also because....."
- * Discontinue after three consecutive failures.

1. What should you do if you cut your finger ? (e.g., whilst sharpening a pencil).....

.....

.....

.....

2. What would you do if your mother sends you to buy sugar and the shopkeeper says he does not have anymore ?.....

.....

.....

.....

3. What would you do if a boy (girl) smaller than you starts to fight with you ?.....

.....

.....

.....

4. What should you do if through your own fault the ball (doll) of your friend is lost and you can not find it ?.....

.....

.....

.....

5. What should you do if you found a railway line broken and at the same time noticed a train about to come ?.....

.....

.....

.....

6. Instead of spending all your money, why would it be better to save some, for example in a bank ?....

.....

.....

.....

7. What good is it to send criminals to jails to prisons ?.....

.....

.....

8. Why does the small shopkeeper prefer cash to giving credit ?.....
.....
.....
.....
9. Why should we respect and obey those who teach us ?.....
.....
.....
.....
10. Why should we be kind to animals ?.....
.....
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.....
11. Why should government set examinations when selecting job applicants ?.....
.....
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.....
12. What is it bad to break a promise ?.....
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13. Why is it wrong to steal ?.....
.....
.....
.....
14. Why is a Parliament needed in our system of government ?.....
.....
.....
.....

MISIC : Record Booklet

III - ARITHMETIC TEST

DIRECTIONS :

- * Problems 1-3 are for subjects below 8 years or suspected mental defectives.
- * Problems 1-12 and 16 are to be read to the subject, whereas problems 13-15 are presented on cards to be read by the subject.
- * Timing starts after stating the problem the first time. Repetition is not allowed.
- * No paper work allowed.
- * Names and problems items can be adapted to local conditions and prices. Figures must not be changed.
- * Second trials allowed within time limit.
- * Discontinue after three consecutive failures.

1. Place 9 blocks (or coins) in a row saying : "Count these with finger".
..... 45 sec.
2. Rearrange the row saying : "Give 4 blocks to me".
..... 45 sec.
3. Rearrange as above saying : "Take 7 and give me the rest"
..... 45 sec.

4. If I break this (pencil) in half, how many pieces will there be ?
..... 30 sec.
5. Prem has 4 rupees. Mummy gives him 2 more. How many has he ?
..... 30 sec.
6. Rita has 8 bananas and buys 6 more. How many has he ?
..... 30 sec.
7. A teacher has 12 books and sells 5. How many has she left ?
..... 30 sec.
8. If one pencil costs 7 paise, what will 3 pencils cost ?
..... 30 sec.
9. A milkman had 25 bottles of milk, he sold all. How many bottles had he left ?
..... 30 sec.
10. A workman after finishing his job was given Rs. 36 for his pay. He had agreed for Rs. 4 each day. Tell me how many days he worked ?
..... 30 sec.
11. Let us say you want to buy some marbles (ribbons). They cost 30 (make this distinct from 13 !) paise a dozen. Now you have a rupee and want to buy 3 dozen. How much change will you receive ?
..... 60 sec.
12. Four boys (girls) have gathered 72 marbles (flowers). If they divide them equally, how much will each get ?
..... 30 sec.
13. 60 sec.
14. 120 sec.
15. 120 sec.
16. 36 is two-thirds of what whole number ?
..... 30 sec.

MISIC : Record Booklet	IV - ANALOGIES AND SIMILARITIES TEST
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DIRECTIONS - ANALOGIES :

- * For subjects below 8 years and suspected mental defec-
- * Before reading each item say : "Now listen carefully as I am going to read you a sentence which you must finish."

1. Lemons are sour, but sugar is.....
-
2. You walk with your legs and throw with your.....
-
3. Boys grow up to be men and girls grow up to be.....
-
4. A knife and a piece of glass can both.....
-

DIRECTIONS - SIMILARITIES :

- * For subjects 8 years and above.
- * Discontinue after 3 consecutive failures, or return to Analo-
- * Say : "In what way are a mango and a banana alike ?" If subject fails or denies a similarity then coach him / her on all possible answers and try the next Cat and Mouse. If the subject still fails, again explain for the last time.

5. In what way are a Mango and a Banana alike ?.....
-
6. In what way are a Cat and a Mouse alike ?.....
-
7. Organ - Flute (similar instruments such as a harmonium or mouth organ may be substituted)
-
8. Milk - Medicine.....
-
9. Ruler (foot) - Scale (weights).....
-
10. Scissors - Brass pot (vase).....
-
11. Paper - Coal (charcoal).....
-
12. Salt - Water.....
-
13. Mountain - Lake.....
-
14. Liberty - Justice.....
-
15. First - Last.....
-
16. Numbers 49 - 121.....
-

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V - VOCABULARY TEST

DIRECTIONS :

- * Say : "I want to see how many words you know. Tell me now, for example, what CYCLE means. What is a cycle ?".
- * If response is vague or has only the score value of 1 then question further, for example, "What else does it mean ?", "Explain it little more."
- * Subject may be started with 10th item and credited with 2 points for all previous items, unless subject fails to earn 2 points on items 10-14. In such a case proceed backwards until 5 consecutive 2 points successes are met, then return and continue from the item where subject failed to score 2 points.
- * Discontinue after five consecutive failures.

1. Cycle.....
.....
.....
2. Knife.....
.....
.....
3. Shoe (Chappal)
.....
.....
4. Umbrella.....
.....
.....
5. Pillow.....
.....
.....
6. Letter.....
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.....
7. Nail.....
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8. Donkey.....
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9. Leather.....
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10. Sword.....
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11. Hammer.....
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12. Mischief.....
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MISIC : Record Booklet	V - VOCABULARY TEST
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13. Gold.....
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14. Meet.....
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15. Clever.....
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16. Diamond.....
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.....
17. Brave.....
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18. Shilling.....
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19. Gambling.....
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20. Microscope.....
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21. Martyr.....
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22. Editor.....
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23. Ambassador.....
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24. Auction.....
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25. Stanza.....
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26. Proverb.....
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27. Anonymous.....
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MISIC : Record Booklet	V - VOCABULARY TEST
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28. Shameful.....
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29. Buoy.....
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30. Atheist.....
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31. Bail.....
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-
32. Apprentice.....
-
-
33. Affliction.....
-
-
34. Boycott.....
-
-
35. Aseptic.....
-
-
36. Nitroglycerine.....
-
-
37. Spangle.....
-
-
38. Hara-kiri.....
-
-
39. Mantis.....
-
-
40. Sedition.....
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-

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VI - DIGIT SPAN TEST

DIRECTIONS - DIGIT SPAN FORWARDS :

- * If subject repeats correctly trial I of a series then go on to next higher number in same trial. If he fails then give a second chance from Trial II.
- * Before reading each item say : "I am going to say some numbers. Listen carefully and when I am finished repeat them after me".
- * Discontinue if the subject fails on both trials of a given series.

Series Trial I		Trial II
3.	3 - 8 - 6	6 - 1 - 2
4.	3 - 4 - 1 - 7	6 - 1 - 5 - 8
5.	8 - 4 - 2 - 3 - 9	5 - 2 - 1 - 8 - 9
6.	3 - 8 - 9 - 1 - 7 - 4	7 - 9 - 6 - 4 - 8 - 3
7.	5 - 1 - 7 - 4 - 2 - 3 - 8	9 - 8 - 5 - 2 - 1 - 6 - 3
8.	1 - 6 - 4 - 5 - 9 - 7 - 6 - 3	2 - 9 - 7 - 6 - 3 - 1 - 5 - 4
9.	5 - 3 - 8 - 7 - 1 - 2 - 4 - 6 - 9	4 - 2 - 6 - 9 - 1 - 7 - 8 - 3 - 5

DIRECTIONS - DIGIT SPAN BACKWARDS

- * If subject repeats correctly trial I of a series then go on to next higher number in same trial. If he fails then give a second chance from Trial II.
- * Before reading each item say : "Now I am going to say some more numbers but this time when I stop you say them backwards.
- * Discontinue if the subject fails on both trials of a given series.
- * Say numbers one per second.

Series Trial I		Trial II
2.	2 - 5	6 - 3
3.	5 - 7 - 4	2 - 5 - 9
4.	7 - 2 - 9 - 6	8 - 4 - 9 - 3
5.	4 - 1 - 3 - 5 - 7	9 - 7 - 8 - 5 - 2
6.	1 - 6 - 5 - 2 - 9 - 8	3 - 6 - 7 - 1 - 9 - 4
7.	8 - 5 - 9 - 2 - 3 - 4 - 2	4 - 5 - 7 - 9 - 2 - 8 - 1
8.	6 - 9 - 1 - 6 - 3 - 2 - 5 - 8	3 - 1 - 7 - 9 - 5 - 4 - 8 - 2

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VII - PICTURE COMPLETION TEST

DIRECTIONS :

- * Before presenting the first card say : "I am going to show you some pictures in which there is a part missing. Look carefully at the card and tell me what important part is missing."
- * The subject can be helped in the first two cards but without getting a score.
- * Discontinue after 4 failures.
- * Pointing to the missing part can also be credited.
- * Allow 15 seconds for each picture.
- * If subject points to something else, then say, "Yes, but something else is missing."

1. Comb (tooth / teeth).....	11. Rooster (spur).....
2. Fox (ear).....	12. Screw (slot / crack).....
3. Girl (mouth).....	13. Fish (extra fin / dorsal).....
4. Table (leg).....	14. Fly (antennae).....
5. Cat (whiskers).....	15. Profile (eyebrow).....
6. Hand (fingernail).....	16. Cow (hoof cleft).....
7. Scissors (screw).....	17. Umbrella (spokes).....
8. Coat (buttonholes).....	18. Thermometer (mercury in bulb).....
9. Door (hinge).....	19. House (tree shadow).....
10. Card (center spade).....	20. Man (brim line).....

MISIC : Record Booklet		VIII - BLOCK DESIGN TEST	
DIRECTIONS FOR SUBJECTS UNDER 8 YEARS :		FOR SUBJECTS 8 YEARS AND ABOVE :	
<ul style="list-style-type: none">Demonstrate design A, then take 4 more blocks and tell subject to imitate (Not from card !!). If fails, then correct (i.e. demonstrate) a second time with blocks of subject. Arrange design B behind a screen and proceed as in A. With design C, use card and demonstrate without screen explaining how it agrees with the card. Then brush up pile for S to begin.Timings for A - C : 45"Designs 5-7 are made with 9 blocks. Present blocks brushed so that 2 red colours are up.Discontinue after failure on both trials of Design C.If the subject passes the Design C, continue the test until the subject fails 2 consecutive designs.		<ul style="list-style-type: none">Take blocks say : "You see these blocks have different colours and they can be put together in a picture like this." Give four blocks to the subject brushed up so that only one red color faces upwards. Then say : "Now I am going to show you a picture made of red blocks and I want you to try to copy it as quickly as you can." Then show card C and start timing. Second trial may be given on C also, but without credit. On designs 1-7 discontinue after 2 consecutive failures.If the subject fails on design C, administer designs A and B as for the younger subjects. Then discontinue the test, giving whatever points are earned on designs A and B.Discontinue after 2 consecutive failure.Designs 5-7 are made with 9 blocks. Present blocks brushed so that 2 red colours are up.	
Design	A	Complete / incomplete	45"
Design	B	Complete / incomplete	45"
Design	C	Complete / incomplete	45"
Design	1	Complete / incomplete	75"
Design	2	Complete / incomplete	75"
Design	3	Complete / incomplete	75"
Design	4	Complete / incomplete	150"
Design	5	Complete / incomplete	150"
Design	6	Complete / incomplete	150"
Design	7	Complete / incomplete	150"

MISIC : Record Booklet		IX - OBJECT ASSEMBLY TEST	
DIRECTIONS :			
<ul style="list-style-type: none">See object arrangement in standard card.Manikin : arrange pieces behind a screen according to given diagram. Then say : "These pieces will make a boy. Go ahead and put them together." If subject turns over a piece, turn it back again quietly.Horse : arrange pieces behind a screen according to given diagram. Then say : "These pieces will make a horse. Go ahead and put them together." If subject turns over a piece, turn it back again quietly.		<ul style="list-style-type: none">Face : arrange pieces behind a screen according to given diagram. Then say : "These pieces will make something. Go ahead and put them together." If subject turns over a piece, turn it back again quietly. In this case do not reveal the name of the object.Auto : arrange pieces behind a screen according to given diagram. Then say : "These pieces will make something. Go ahead and put them together." If subject turns over a piece, turn it back again quietly. In this case do not reveal the name of the object.	
OBJECTS	REMARKS - PART CORRECT	STATUS	TIME
Manikin		Complete / incomplete	120"
Horse		Complete / incomplete	180"
Face		Complete / incomplete	180"
Auto		Complete / incomplete	180"

MISIC : Record Booklet	X - CODING TEST
<u>DIRECTIONS FOR SUBJECTS UNDER 8 YEARS AND SUSPECTED MENTAL DEFECTIVES :</u>	<u>DIRECTIONS FOR SUBJECTS 8 YEARS AND ABOVE</u>
<ul style="list-style-type: none">* Use design A* Point to the row of stars, squares, etc. and say : "Look at these and see how each one has some mark inside. Now look at these samples and I want you to put in each figure the same mark that you fin here in the top row. Here is a star so put this mark inside." After marking the first two or three samples let the subject fill in the remaining and then start timing when the samples have been finished.* Time limit 120".	<ul style="list-style-type: none">* Use design B and point to the key and say : "Look at these boxes and squares. See how each has a number in the upper half and a mark in the lower half. Each number has its own special mark. Now look at the samples. Here is a 2, so put in this mark (here write the symbol) and try the others until I tell you to stop." Start timing when the samples have been completed. Watch out that the subject does not skip any.* Time limit 120".* For left handed subjects an extra folded code so that they do not obscure their vision.

Score Obtained =

MISIC : Record Booklet	XI - MAZES TEST
<u>DIRECTIONS :</u>	
<ul style="list-style-type: none">* Show the sample and demonstrate with a pencil saying : "Imagine someone trying to get out of here. He can not cross the lines and you can not lift the pencil once you start."* Subjects above 8 years can start with C and be credited for A and B if not more than one error on C.	<ul style="list-style-type: none">* Subjects below 8 years can start with A. If fails on A or B then show correct procedure.* Discontinue after 2 consecutive failures (0 scores).* Timings as printed on each maze.

Maze Remarks - Time	Status	Errors
Maze A	Complete / incomplete
Maze B	Complete / incomplete
Maze C	Complete / incomplete
Maze 1	Complete / incomplete
Maze 2	Complete / incomplete
Maze 3	Complete / incomplete
Maze 4	Complete / incomplete
Maze 5	Complete / incomplete

