



Government of Maharashtra

## State Common Entrance Test Cell, Maharashtra State, Mumbai

Head Office:-305, Government Polytechnic Building, 49, Kherwadi, Ali Yawar Jung Marg, Bandra (E), Mumbai 400 051(M.S.)

Regional Office: CET CELL,(DMER) Opp. Govt. Dental College, St. Georges Hospital Campus, Fort, Mumbai 400001.

: CET CELL, Directorate of Technical Education, 3, Mahapalika Marg, Dhobi Talao, Mumbai 400001.

Phone: 02226473719

E- Mail: maharashtra.cetcell@gmail.com

CET-CELL/DHE/MAH-M.P.Ed. CET 2017 Syllabus/ Marking Scheme/ 324

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### NOTICE No. 19

#### SYLLABUS AND MARKING SCHEME FOR MAH-M.P.ED. CET 2017

CET CELL and Directorate of Higher Education ,Pune is pleased to declare the Syllabus and Marking Scheme of MAH –M.P.Ed.. CET 2017 for the benefit of the candidates and Institutes aspiring to appear and admit the candidates to these courses.

The On Line CET is comprising of one paper with five sections:

Sr. No.	Sections	No.of questions	Marks per question	Total Marks
1	Foundation of Physical Education .	10	1	10
2	Anatomy, Physiology and Health Education	10	1	10
3	Teaching Methodology	10	1	10
4	Officiating Coaching and Management in Physical Education	10	1	10
5	Tests, Measurements and Evaluation in Physical Education	10	1	10
	<b>Total</b>	<b>50</b>	<b>1 per question</b>	<b>50</b>

MAH –M.P.Ed. CET 2017 will be held on 4<sup>th</sup> June 2017.

The questions will be objective Multiple Choice Questions with Four options.

Maximum Marks are 50 . There is no Negative marking.

The time allotted is One Hour (Sixty Minutes).

Medium of Questions will be English , Marathi and Hindi .

#### Contents of Sections:

1) **Foundation of Physical Education :-** (a) History of Physical Education (b) Psychological Foundation of Physical Education (c) Philosophical Foundation of Physical Education (d) Sociological Foundation of Physical Education (e) Various commissions ,schemes, policies , awards and role and contribution of Physical Education and Sports Institutes.

2) **Anatomy ,Physiology and Health Education :-** (a) Need and importance of Anatomy in Physical education (b) Exercise and Various Body Systems (c) Health Education – Need and importance in school curriculum. (d) Posture, Postural deformities and corrective exercises (e) Role of Physical Education Teacher in AIDS and Pollution awareness.

- 3) **Teaching Methodology :-** (a) Various teaching methods and principles (b) Unit Planning - Types , Pre-preparation Unit planning and Year Planning (c) Types of Competitions –Intramural and Extramural (d) Maxims of teaching ,Audio visual aids (e) Place of computer and internet in teaching
- 4) **Officiating Coaching and Management in Physical Education :-** (a) Principles ,Purpose of Officiating and coaching (b) Periodization and its role in coaching (c) Skills ,techniques and rules of various games and sports (d) Duties and responsibilities of officials (e) Principles and need of sport management.
- 5) **Tests , Measurements and Evaluation in Physical Education :-** ( a) Physical Fitness Test – HRPF, Motor fitness. (b) Sports skill Test- Football ,Volleyball, Basketball, Badminton and Handball (c) Need and importance of tests (d) Criteria of selection of tests (e) Evaluation –Types ,Principles and purpose

### **PHYSICAL EFFICIENCY TEST (FIELD TEST):**

**Field test is comprising of five sections:**

<b>Sr. No.</b>	<b>Sections</b>	<b>Total Marks</b>
<b>1</b>	<b>4x10 Shuttle Run Test</b>	<b>10</b>
<b>2</b>	<b>Sit and Reach</b>	<b>10</b>
<b>3</b>	<b>Standing Broad Jump Test</b>	<b>10</b>
<b>4</b>	<b>Sit Ups Test</b>	<b>10</b>
<b>5</b>	<b>Medicine Ball Throw Test</b>	<b>10</b>
	<b>Total</b>	<b>50</b>

MAH –M.P.Ed. Field Test will be held on 5<sup>th</sup> June and 6<sup>th</sup> June 2017.

Appearance in MAH –M.P.Ed. CET 2017 is compulsory to participate in Field Test .

Maximum Marks are 50 .

Duration of the Field Test is maximum two days.

ANNAXURE – I : Ready Reckoner for M.P.Ed Physical Efficiency Tests

Students will be evaluated as per the standard criteria given in Annexure I

Marks	Tests for Men					Tests for Women				
	Shuttle Run 4X10 M.	Sit and Reach	Standing Broad Jump	Sit Ups (One min)	Medicine Ball Throw (2 Kg.)	Shuttle Run 10X4 M.	Sit and Reach	Standing Broad Jump	Sit Ups (One min)	Medicine Ball Throw (1 Kg)
	Second	Centimetre	Meter	Numbers	Meter	Second	Centimetre	Meter	Numbers	Meter
10	Less than 9.91	Above 15 cm	Above 2.30	Above 35	Above 10	Less than 11.00	Above 20cm	Above 1.80	Above 30	Above 10
09	9.90 to 10.10	13-15 cm	2.10 to 2.29	30-34	9.50 to 9.99	11.01 to 11.50	18-20 cm	1.60 to 1.79	25-29	9.50 to 9.99
08	10.11 to 10.40	10-12 cm	1.90 to 2.09	25-29	9.00 to 9.49	11.51 to 12.00	15-17 cm	1.40 to 1.59	20-24	9.00 to 9.49
07	10.41 to 10.70	7-9 cm	1.70 to 1.89	20-24	8.50 to 8.99	12.01 to 12.50	12-14 cm	1.20 to 1.39	17-19	8.50 to 8.99
06	10.71 to 11.20	4-6cm	1.50 to 1.69	17-19	8.00 to 8.49	12.51 to 13.00	9-11cm	1.00 to 1.19	14-16	8.00 to 8.49
05	11.21 to 11.70	1-3 cm	1.30 to 1.49	14-16	7.00 to 7.99	13.01 to 13.50	6-8 cm	0.90 to 0.99	11-13	7.00 to 7.99
04	11.71 to 12.20	-2-0 cm	1.10 to 1.29	11-13	6.00 to 6.99	13.51 to 14.00	3-5cm	0.80 to 0.89	8-9	6.00 to 6.99
03	12.21 to 12.70	-5- (-3) cm	0.90 to 1.09	8-10	5.00 to 5.99	14.01 to 14.50	0-2cm	0.70 to 0.79	6-7	5.00 to 5.99
02	12.71 to 13.20	-8- (-6) cm	0.80 to 0.89	5-7	4.00 to 4.99	14.51 to 15.00	-3- (-1) cm	0.60 to 0.69	4-5	4.00 to 4.99
01	Above 13.20	Above (-8) cm	Below 0.80	Less than 5	Less than 4	Above 15.00	Above (-3) cm	Below 0.60	Less than 4	Less than 4

Note:- 1. Weight of Medicine Ball For Men 2 Kg. And For Women 1 Kg.

2. The Medicine ball throw must follow the following instructions .

- a) The Athlete sits on the floor with his legs fully extended ,feet 24 inches apart and the back against a wall
  - b) The ball is held with the hands on the side and slightly behind the center and back against the center of the chest .The forearms are positioned parallel to the ground.
  - c) The Athlete throws the medicine ball vigorously as far straight forward as he can while maintaining the back against the wall.
  - d) The distance will be measured from the wall to where the ball lands in meters.
3. Sit ups should be performed with bending knees and keeping both hand behind neck

### DESCRIPTION OF TESTS

#### 1] 4 x 10 Meters Shuttle Run Test :

**Equipments:** Two blocks of wood ( 2” x 2” x 4”), stopwatches and marking powder.

**Test Administration:** Two parallel lines are marked on the floor 10 meters apart. The two wooden blocks are placed behind one of the lines. The subject is asked to start from behind the other line. On the signal ready? Go, the timer starts the watch and the subject runs towards the blocks, picks- up one block, runs back to the starting line, places the block behind the starting line, runs back and picks-up the second block to be carried back across the starting line. As soon as the second block is placed on the ground, the timer stops the watch and records the time.

**Scoring:** The time is recorded to the nearest 10<sup>th</sup> of a second as the score of the test item.

**Rules:** Only one trial shall be allowed unless the teacher believes the pupil has not had a fair opportunity.

#### 2] Sit and Reach Test:

**Purpose:** This test measures the flexibility of the lower back and hamstring muscles.

**Equipment:** Sit and Reach Box

**Procedure:** This test involves sitting on the floor with legs stretched out straight ahead. Shoes should be removed. The soles of the feet are placed flat against the box. Both knees should be locked and pressed flat to the floor- the tester may assist by holding them down. With the palms facing downwards, and the hands on top of each other, the subject reaches forward along the measuring line as far as possible. Ensure that the hands remain at the same level, not one reaching further forward than the other. After

some practice reaches, the subject reaches out and holds that position for at least two seconds while the distance is recorded. Make sure there are no jerky movements.

**Scoring:** The score is recorded to the nearest centimeter or half inch as the distance reached by the hand. Some test versions use the level of the feet as the zero mark.

### **3] Standing Broad Jump Test:**

**Purpose :** This test measures the power of legs in jumping horizontal distance.

**Equipments:** Floor, mat or long jump pit may be used, measuring tape, marking tape /chalk or a peg.

**Test Administration:** A demonstration of the standing broad jump will be given to a group of subjects to be tested. The subject will be asked to stand behind the starting line with the feet parallel to each other. The subject will be instructed to jump as farthest as possible by bending knees and swinging arms to take off for the broad jump in the forward direction.

**Scoring:** The distance between the starting line and the nearest point of landing provides the score of the test. The best performance (maximum distance) out of three trials will be recorded in meters as the final score of the test.

### **4] Sit-Ups (Bent Knee):**

**Equipment's:** Clean floor, mat, or dry turf and stopwatch.

**Description:** The pupil lies on the back with the knees bent, feet on the floor, and heels not more than 12 inches (30.48 cm) from the buttocks. The angle at the knees should be less than 90 degrees. The pupil puts the hands on the back of the neck with fingers clasped and places the elbows squarely on the mat, floor, or turf. The pupil's feet are held by his or her partner to keep them in touch with the surface. The pupil tightens the abdominal muscles and brings the head and elbows forward as he or she curls up, finally touching the elbows to the knees. This action constitutes one sit-up. The pupil returns back to the starting position with his elbows on the surface before he sits up again. The timer gives the signal Ready? Go!, and the sit-up performance is started on the word Go! Performance is stopped on the word stop. The number of correctly executed sit-ups performed in 60 seconds is recorded as the score.

**Rules:** Only one trial shall be allowed unless the teacher believes the pupil has not had a fair opportunity.

**Scoring:** Record the number of correctly executed sit-ups in 60 seconds.

## 5] Medicine Ball Throw:

**Purpose :** This test is used to measure the power of arms and shoulder girdles .

**Equipment's:** A Medicine ball of 2 Kg for men and 1 Kg for women, marking materials and measuring tape.

### **Test administration:**

- a) The Athlete sits on the floor with his legs fully extended, feet 24 inches apart and the back against a wall.
- b) The ball is held with the hands on the side and slightly behind the center and back against the center of the chest. The forearms are positioned parallel to the ground.
- c) The athlete throws the medicine ball vigorously as far straight forward as he can while maintaining the back against the wall.
- d) The distance will be measured from the wall to where the ball lands in meters.
- e) Each subject will be given two trials.

**Scoring:** The longest distance will be measured in meters will be the score of the test.

Mumbai –

Sd/-

(Chandrashekhar V. Oak) IAS  
Commissioner and Competent Authority  
State Common Entrance Test Cell, Mumbai.