

1.3.2

Dr. Babasaheb Ambedkar Marathwada University, Aurnagabad
Department of Environmental Science

Syllabus for Value Added Course

Title: Fire Protection & Fire Fighting

Maximum Marks 20

Course Duration: 30 hrs

1. Introduction (4 hrs)
 - Historic Tactics & tools of Fire Fighting
 - Open Air Fire
 - Closed Volume Fire
 - Categories of Fire
2. Basic Chemistry of Fire (3 hrs)
 - Fire Triangle
 - Cooling Effect
 - Starvation Effect
 - Smothering effect
3. Spread of Fire (4 hrs)
 - Conduction
 - Convection
 - Radiation
4. Classification (6 hrs)
 - Class "A"
 - Class "B"
 - Class "C"
 - Class "D"
5. Causes of Fire (3 hrs)
6. Fire Extinguishers (5 hrs)
 - Water Type Fire Extinguisher
 - Foam Type Fire Extinguisher
 - DCP/ABC Type Fire Extinguisher
 - Carbon Di-Oxide Fire Extinguisher
7. Fire Prevention (2 hrs)
8. Fire Fighting (3 hrs)


Professor & Head
Department of Environmental Science,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad.

Dr. Babasaheb Ambedkar Marathwada University.

Department of Environmental Science.

Multiple Choice Questions

Fire Safety Management (Induction Training)

Mar/April 2018

Mark List of the Fire & Safety Management (Induction Training) Test

Sr.No	Name of the Student	Roll No.	Maximum Marks	Marks Obtained
1	Waghmare Ajinkya Shridhar	22	20	09
2	Shinde Sarika Shamrao	18	20	11
3	Ghuge Pramod Vinayak	10	20	06
4	Wagh Dnyeshwar A.	20	20	12
5	Rathkar Gajanan Rangnath	17	20	10
6	Khandare Ravi Kishor	13	20	03
7	Wagh Gorakshnath S.	21	20	10
8	Bhurewar Madhuri Dinesh	01	20	11
9	Gadker Arti Bhaskar	06	20	14
10	Gore Pratiksha Sitaram	11	20	07
11	Gawai Amrapali	08	20	06
12	Hiwali Anjali Badrinath	12	20	06
13	Solanke Varsha Bhaskarrao	19	20	14
14	Naik Ulka Dayaram	15	20	13
15	Gawli Ganesh	09	20	05
16	Gauhane Amol Bharatrao	07	20	17
17	Dhale Vaibhav Kondiba	05	20	05


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Fire protection & fire fighting

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
DEPARTMENT OF ENVIRONMENTAL SCIENCE
NAAC Re-Accredited "A"
Attendance Sheet
M.Sc (First Year) - Sem-II

14/6/3/2018

Roll No.	Name of the Students	Ist Lecture	IInd Lecture	IIIrd Lecture	Practical
1	Bhurewar Madhuri Dinesh			(A)	(A)
2	Bhutkar Gautam Vishwanath			Amr	Amr
3	Bodre Sanjivani Jagannath				
4	Deshmukh Vaishnavi Gautam				
5	Dhale Vaibhav Kondiba			Dhale	Dhale
6	Gadekar Arti Bhaskar			Arti	Arti
7	Gavhane Amol Bharatrao			(Amol)	(Amol)
8	Gawai Amrapali Mohan			Amrapali	Amrapali
9	Gawali Ganesh Ramesh			Gawali	Gawali
10	Ghuge Pramod Vinayak			P. Ghuge	P. Ghuge
11	Gore Pratiksha Sitaram				
12	Hiwale Anjali Badrinath			(A)	(A)
13	Khandare Ravi Kishor			R. Khandare	R. Khandare
14	Magar Raju Dattatraya			R. Magar	R. Magar
15	Naik Ulka Dayaram			Naik	Naik
16	Parihar Gopal Rameshwar			(A)	(A)
17	Rathkar Gajanan Rangnath			Gajanan	Gajanan
18	Shinde Sarika Shamrao			Shinde	Shinde
19	Solanke Varsha Bhaskarrao			(A)	(A)
20	Wagh Dnyaneshwar Ashru			Wagh	Wagh
21	Wagh Gorkshanath Sahebrao			(G. Wagh)	(G. Wagh)
22	Waghmare Ajinkya Shridhar			(Ajinkya)	(Ajinkya)
23	Zinzurde Ashwini Dashrath			14/23	14/23
	Total Students				
	Name of the Teacher/Sig/Paper/No./Theory/Topic			B. Bomde	B. Bomde


Prof & Head
Professor & Head
 Department of Environmental Science,
 Dr. Babasaheb Ambedkar Marathwada
 University, Aurangabad

Multiple Choice Questions

Fire Safety Management (Induction Training)

Mar/April 2018

Name : Dhyaneshwar A. Wagh

Class : MSc. ENV Sci 1st year 2nd sem.

Roll No : 20

Department of Environmental Science
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad

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20

1	CO ₂ Type Fire Extinguisher is mainly used for which class of Fire?			
	<input checked="" type="checkbox"/> a) A Class	<input type="checkbox"/> b) D Class	<input type="checkbox"/> c) E Class	<input type="checkbox"/> d) C Class
2	Which type of Powder is used in ABC Class of Fire Extinguisher?			
	<input type="checkbox"/> a) Sodium Bi-Carbonate	<input checked="" type="checkbox"/> b) Mono Ammonium Phosphate.	<input type="checkbox"/> c) Calcium Carbonate	<input type="checkbox"/> d) Sodium Carbonate
3	How many types of Fire Extinguisher are there?			
	<input type="checkbox"/> a) 1	<input checked="" type="checkbox"/> b) 2	<input type="checkbox"/> c) 3	<input type="checkbox"/> d) 4
	ABC Fire Extinguisher is spot pressure type of Fire Extinguisher. TRUE or FALSE			
	<u>False</u> ✓			
5	Which Gas is used as a pressuring agent in ABC type fire Extinguisher?			
	<input type="checkbox"/> a) CO ₂	<input type="checkbox"/> b) O ₂	<input checked="" type="checkbox"/> c) Nitrogen	<input type="checkbox"/> d) Hydrogen
6	'D' Class of fire is known as			
	<input type="checkbox"/> a) Solid Fire	<input type="checkbox"/> b) Liquid Fire	<input type="checkbox"/> c) Gaseous Fire	<input checked="" type="checkbox"/> d) Metal Fire
7	Thrash comes under which Class of Fire?			
	<input checked="" type="checkbox"/> a) A' Class	<input type="checkbox"/> b) B' Class	<input type="checkbox"/> c) C' Class	<input type="checkbox"/> d) D' Class
8	Refilling of Fire Extinguisher is done			
	<input type="checkbox"/> a) After every 6 Months	<input type="checkbox"/> b) After every 15 Months	<input checked="" type="checkbox"/> c) After every 12 Months	<input type="checkbox"/> d) After every 18 Months
9	Pressure is measured in?			
	<input type="checkbox"/> a) Kilowatt	<input type="checkbox"/> b) Kilogram	<input checked="" type="checkbox"/> c) Bars	<input type="checkbox"/> d) D' Class
10	How many Classes of fire are there?			
	<input type="checkbox"/> a) 3	<input type="checkbox"/> b) 6	<input checked="" type="checkbox"/> c) 5	<input type="checkbox"/> d) 7

Multiple Choice Questions

Fire Safety Management (Induction Training)

Mar/April 2018

1A
20

Name : SOLANKE VARSHA BHASKARRAO

Class : M.SC F.Y. 2nd sem

Roll No : 19

Department of Environmental Science
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University, Aurangabad

1	CO ₂ Type Fire Extinguisher is mainly used for which class of Fire?			
	a) A Class	b) D Class	<input checked="" type="checkbox"/> c) E Class	<input checked="" type="checkbox"/> d) C Class
2	Which type of Powder is used in ABC Class of Fire Extinguisher?			
	a) Sodium Bi-Carbonate	<input checked="" type="checkbox"/> b) Mono Ammonium Phosphate.	c) Calcium Carbonate	d) Sodium Carbonate.
3	How many types of Fire Extinguisher are there?			
	a) 1	<input checked="" type="checkbox"/> b) 2	c) 3	d) 4
4	ABC Fire Extinguisher is spot pressure type of Fire Extinguisher. TRUE or FALSE <input checked="" type="checkbox"/>			
	Which Gas is used as a pressuring agent in ABC type fire Extinguisher?			
	a) CO ₂	b) O ₂	c) Nitrogen	<input checked="" type="checkbox"/> d) Hydrogen
6	'D' Class of fire is known as			
	a) Solid Fire	b) Liquid Fire	c) Gaseous Fire	<input checked="" type="checkbox"/> d) Metal Fire
7	Thrash comes under which Class of Fire?			
	<input checked="" type="checkbox"/> a) A' Class	b) B' Class	c) C' Class	d) D' Class
8	Refilling of Fire Extinguisher is done			
	<input checked="" type="checkbox"/> a) After every 6 Months	b) After every 15 Months	c) After every 12 Months	d) After every 18 Months
	Pressure is measured in?			
	a) Kilowatt	b) Kilogram	<input checked="" type="checkbox"/> c) Bars	d) D' Class
10	How many Classes of fire are there?			
	a) 3	<input checked="" type="checkbox"/> b) 6	c) 5	d) 7



Practical Demonstration of Fire Fighting in front of the Department of Environmental Science, Dr. BAMU Aurangabad