**DATABASE CREATION** :-

CREATE DATABASE `exam\_portal` /\*!40100 DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4\_0900\_ai\_ci \*/ /\*!80016 DEFAULT ENCRYPTION='N' \*/;

**TABLES CREATION:-**

CREATE TABLE `admin` (

`admin\_id` int NOT NULL,

`admin\_name` varchar(45) NOT NULL,

`password` varchar(45) NOT NULL,

PRIMARY KEY (`admin\_id`)

);

CREATE TABLE `user\_details` (

`s\_id` int NOT NULL,

`name` varchar(45) NOT NULL,

`password` varchar(45) NOT NULL,

`email-id` varchar(45) NOT NULL,

`mobile no.` varchar(10) NOT NULL,

`date of birth` varchar(15) DEFAULT NULL,

`gender` varchar(10) DEFAULT NULL,

`address` varchar(200) DEFAULT NULL,

PRIMARY KEY (`s\_id`)

);

CREATE TABLE `subjects` (

`subject-code` varchar(10) NOT NULL,

`subject-name` varchar(45) NOT NULL,

PRIMARY KEY (`subject-code`),

UNIQUE KEY `subject-name\_UNIQUE` (`subject-name`)

);

CREATE TABLE `questions` (

`subject-code` varchar(10) NOT NULL,

`qid` varchar(10) NOT NULL,

`question` longtext NOT NULL,

`opt1` varchar(100) NOT NULL,

`opt2` varchar(100) NOT NULL,

`opt3` varchar(100) NOT NULL,

`opt4` varchar(100) NOT NULL,

`ans` varchar(100) NOT NULL,

`marks` int NOT NULL,

PRIMARY KEY (`qid`),

KEY `subject-code\_idx` (`subject-code`) /\*!80000 INVISIBLE \*/,

CONSTRAINT `subject-code` FOREIGN KEY (`subject-code`) REFERENCES `subjects` (`subject-code`) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE `scores` (

`scoreid` int NOT NULL,

`student\_id` int NOT NULL,

`qid` int NOT NULL,

`hitanswer` varchar(5) DEFAULT NULL,

`corr\_ans` varchar(5) NOT NULL,

`examdate` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`sub-id` varchar(10) NOT NULL,

KEY `sub-id\_idx` (`sub-id`),

CONSTRAINT `sub-id` FOREIGN KEY (`sub-id`) REFERENCES `subjects` (`subject-code`) ON DELETE CASCADE ON UPDATE CASCADE

);

CREATE TABLE `result` (

`resultid` int NOT NULL,

`student\_id` int NOT NULL,

`student\_name` varchar(45) NOT NULL,

`sub\_id` int NOT NULL,

`total\_ques` int NOT NULL,

`correct\_answer` int NOT NULL,

`wrong\_answer` int NOT NULL,

`marks` int NOT NULL,

`examtime` timestamp NOT NULL,

PRIMARY KEY (`resultid`),

KEY `student\_id\_idx` (`student\_id`),

CONSTRAINT `student\_id` FOREIGN KEY (`student\_id`) REFERENCES `user\_details` (`s\_id`) ON DELETE CASCADE ON UPDATE CASCADE

);